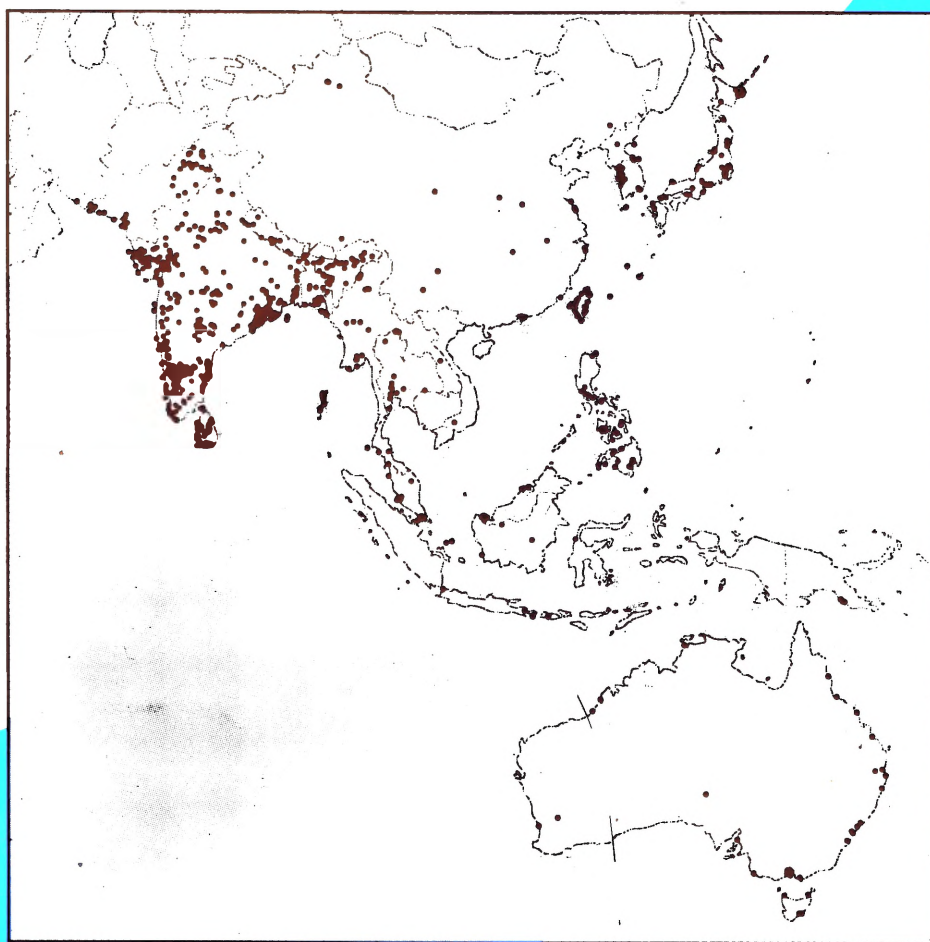


The Asian Waterfowl Census

1994-1996

Results of the Coordinated Waterbird Census
and an Overview of the Status of
Wetlands in Asia

Edited by
Alvin Lopez and Taej Mundkur



WETLANDS INTERNATIONAL

Conserving wetlands for people and wildlife

Wetlands International, the world's leading non-profit wetland conservation organisation, was created by the integration of the Asian Wetland Bureau, the International Waterfowl and Wetlands Research Bureau, and Wetlands for the Americas. The achievements of the founding organisations date back 40 years, and include the launch of (and support to) the Ramsar Convention, major regional surveys and conservation programmes for wetlands and wetland species, and the development of international programmes for migratory waterbird conservation.

Sound technical information is the basis for Wetlands International's work, which includes coordinating conservation, management and assessment projects at international level, providing technical and fundraising support to national and local projects, and helping to build the capacity of relevant agencies. Wetlands International produces a wide range of publications and awareness materials, and organises numerous workshops, training courses and conferences each year.

Wetlands International's global network provides rapid access to wetland conservation specialists throughout the world. Together with the staff of the organisation's 17 regional and project offices, they provide a unique force to support wetland conservation activities. Partnership is at the heart of Wetlands International, and strong links exist with other international conservation agencies such as IUCN, WWF and Birdlife International, and the secretariats of the Ramsar and Bonn Conventions. Global and regional programmes are supported by over 120 government agencies, NGOs, foundations, development agencies and private sector groups.

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CONVENTION ON WETLANDS (Ramsar, Iran, 1971)

The Convention on Wetlands (Ramsar, Iran, 1971) provides the framework for international cooperation for the conservation and wise use of wetland habitats and biodiversity.

As defined by the Convention, wetlands include a variety of habitats such as marshes, peatlands, floodplains, rivers and lakes, coastal areas, coral reefs and other marine areas no deeper than six metres at low tide, as well as man-made wetlands such as rice fields and reservoirs. Wetlands are very important for the ecological functions which they perform, as well as for their rich flora and fauna. They also constitute a resource of great economic, cultural, scientific and recreational value to human life. Wetlands and people are ultimately interdependent.

Adopted in 1971 in Ramsar, Iran, the Convention celebrates its 26th anniversary in 1997, with a membership of more than 100 countries. The Convention programme focuses on the conservation of more than 850 wetlands designated for the Ramsar List, and on national planning to maintain wetland values and functions and to promote wise use of wetlands resources, including water.

UNESCO is the Depository of the Convention. The Secretariat, or Bureau, is hosted by IUCN - The World Conservation Union, in Gland, Switzerland.

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Wetlands International

1997

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The census depends on the enthusiasm of hundreds of conservationists, bird watchers and government personnel for counting waterbirds; their dedication is greatly appreciated. This report could not be produced without their hard work, and Wetlands International would like to thank them profusely.

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A complimentary flight courtesy of British Airways made it possible to undertake the production and inclusion of maps in this report. Paul Rose and Cecilia Reyes of Wetlands International - Africa, Europe, Middle East kindly gave technical instruction and assistance in production of the maps.

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The publication and distribution of this report has only been possible due to the kind financial contributions from the Convention on Wetlands (Ramsar Convention) and the Convention on the Conservation of Migratory Species of Wild Animals (Bonn Convention). We are most grateful to them for their support.

Alvin Lopez and Taej Mundkur
Wetlands International
April 1997



CONVENTION ON WETLANDS
CONVENTION SUR LES ZONES HUMIDES
CONVENCIÓN SOBRE LOS HUMEDALES
(Ramsar, Iran, 1971)

FOREWORD

Migratory waterbirds have been a concern of the Convention on Wetlands (Ramsar, Iran, 1971) since its inception. Their amazing feats of long distance, non-stop flight have captured the attention and imagination of people the world over and have helped create some of the most effective international networks for wetland conservation and sustainable use. Waterbirds are also at the base of some important economic and recreational activities that bring benefits and satisfaction to significant groups of people. In different places around the world they continue to be a source of protein in the diet of human communities.

In the 10 years since its inception, the Asian Waterfowl Census (AWC) has provided a reliable information base to be used in the identification of wetlands of international importance based in the Ramsar Criteria.

The 93 Contracting Parties to the Ramsar Convention represented at the 6th Meeting of the Conference of the Contracting Parties in March 1996, adopted Resolution VI.4 which urges "Wetlands International to continue to develop the International Waterfowl Census (of which the Asian Waterfowl Census forms a major part) and to enhance its global coverage as an important basis for the application of Ramsar Criterion 3(c)" for identifying wetlands of international importance: wetlands that regularly support 1% of the individuals in a population of one species or subspecies of waterfowl. Recommendation 6.4 of the same conference (the "Brisbane Initiative") encourages countries to implement the "Asia-Pacific Migratory Waterbird Conservation Strategy 1996-2000", which identifies the Asian Waterfowl Census as a priority tool for gathering information on important wetlands and waterbirds.

The census programme has the potential to be expanded to provide value-added benefits such as providing a vehicle to extend the World Wetlands Day initiative to the grassroots level and increasing education and awareness about the importance of conserving wetlands and their waterbirds. It can also assist in improving national capacity on wetland monitoring, through training courses, and the production of manuals and field guides.

In my opinion, by far the greatest achievement of the census lies in its network of dedicated individuals who volunteer their time and effort in January each year to count waterbirds at wetland sites throughout the Asia-Pacific region. I commend their enthusiasm and dedication, and urge greater participation through the development and strengthening of national networks in this exemplary programme.

I would like to take this opportunity to thank Wetlands International-Asia Pacific for their efforts in co-ordinating the AWC, collating, analysing, maintaining and reporting on the findings, and producing awareness materials. In future years, we hope that this responsibility will be increasingly shared by the national networks. The Ramsar Bureau will continue to support and promote the activities of the Asian Waterfowl Census.

I hope that with this publication, all regional and national co-ordinators and participants of the AWC will endeavour to disseminate this information widely and encourage its use in management planning and decision-making in and around wetland areas, so as to maintain their biodiversity and to ensure that communities continue to benefit in a sustainable manner from these resources.

After all, information is only as good its application.

Delmar Blasco
Secretary General
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4 November 1997

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Convention on the Conservation of Migratory Species of Wild Animals (CMS)

Secretariat provided by the United Nations Environment Programme (UNEP)

FOREWORD

Many species of waterbirds are migratory, their regular movements governed by the seasons and the availability of water in their natural habitats. Knowledge about their numbers, trends and distribution is a fundamental tool for their proper management and conservation. The Convention on the Conservation of Migratory Species of Wild Animals (CMS or Bonn Convention) is pleased to support the Asian Waterbird Census, conscious of the importance of this regional endeavour and of the value of the data being gathered by a network of dedicated professionals and volunteers.

CMS is the only global convention dealing with the conservation of migratory species - animals which stand to gain and lose because of their itinerant habits. They can take advantage of the best resources cyclically available in habitats situated, in some cases, thousand of kilometres apart. But in order to do so, they must rely on a chain of particular habitats spreading over their extensive migratory routes. They need a suitable place for breeding and raising their young, as well as adequate resting and feeding sites.

Migratory animals are a truly international component of biodiversity. Routinely crossing national borders, they do not belong to one country in particular, but to many neighbouring countries spread over the whole range of the species. If conservation measures are not implemented effectively anywhere along the length of this chain, the species may become endangered, irrespective of the adequacy of protection measures elsewhere. Not surprisingly many migratory birds are at risk.

It is clear that, without international regulations, migratory species will continue to decline in number. Many populations are decreasing drastically and some are even facing extinction. This trend will continue unless more stringent international measures are implemented. Above all, there needs to be a clear understanding by decision-makers and ordinary people alike of the value of these species and of the shared responsibility for their sustainable management and conservation.

The Convention on Migratory Species already has 51 members worldwide, and the number of Parties is increasing steadily. Among other things, CMS develops regional agreements aimed at conserving particular groups of migratory species, and supports projects in the field, workshops and other local activities coordinated at the international level. Agreements already developed under CMS provide special protection to small cetaceans, European bats and a wide variety of African-Eurasian waterbirds. In Asia, the Siberian Crane is object of a special intergovernmental agreement that has spear-headed an international recovery plan.

The Secretariat of the Convention cooperates closely with Wetlands International - Asia Pacific, and is committed to implementation of the *Asia-Pacific Migratory Waterbird Conservation Strategy: 1996-2000* through its involvement in the Migratory Waterbird Conservation Committee. Hopefully these initiatives will eventually lead to the development of a regional waterbird Agreement. CMS has also signed a memorandum of understanding with the Ramsar Convention on Wetlands, and both are planning to work together in areas of joint interest to provide synergy for their common efforts.

Data collected through the Asian Waterfowl Census clearly show the importance of the cooperative work at the international level for better management and conservation measures for migratory species. These efforts provide the basic scientific underpinning for the critical decisions that will need to be made in the years ahead, and the Convention on Migratory Species applauds this initiative.

Arnulf Müller-Helmbrecht
Executive Secretary

Secretariat, Convention on Migratory Species



EXECUTIVE SUMMARY

The Asian Waterfowl Census (AWC) is a coordinated international scheme for the collection and dissemination of information on waterbirds and wetlands. It forms a part of the International Waterfowl Census, a global effort coordinated by Wetlands International and conducted once a year, during the 2nd or 3rd week of January. Information is gathered on standardized forms by a network of national/regional coordinators and volunteer participants.

The results of the census and associated information are widely used to promote regional and national waterbird and wetland conservation initiatives. These include the identification of internationally important wetlands under the Ramsar Convention and as support for the development of a draft agreement on the conservation of migratory waterbirds. The information has also assisted in the development of the *"Asia-Pacific Migratory Waterbird Conservation Strategy: 1996-2000"*, its action plans and related initiatives.

This report collates information on counts for three years, 1994 to 1996, and includes information from countries in Asia from Pakistan eastwards.

Coverage and Participation

The 1994-96 period has been challenging for the Asian Waterfowl Census. Twenty-one countries have contributed information to this report, with a total of 1,994 sites covered at least once and 376 sites covered in all 3 years. Within this period, site coverage has extended in some countries, while in others there has been a decline in the number of sites counted. East Asia is the only region where participation has increased. Table 1 shows the total number of sites covered and Appendix I gives the names of all participants.

The drop in coverage in India from 986 in 1994 to 577 in 1995 was the main change in the overall number of sites covered in 1994 and the following two years (Table 1).

Important sites

To identify wetlands of international importance the now widely accepted Ramsar criteria, which are based on, amongst other factors, the numbers of birds, presence of rare species or percentage of a particular population using the site, have been increasingly utilized (Appendix IX). Of the 1,994 sites covered at least once during the AWC 1994-96, 75 wetlands were reported to support at least 20,000 birds during one or more counts (Table 2); of these, six sites are on the Ramsar list. It is recommended that these sites be given further attention in future censuses and also at other times of the year to identify their true importance for waterbirds and potential for Ramsar nomination.

A total of 20 Ramsar sites were counted, accounting for 50% of Ramsar sites in these countries. It is recommended that, in future, coordinators and participants of the census should aim to cover all Ramsar sites in the contracting countries to ensure continuity in waterbird information collection and to monitor wetland conditions.

Table 1: Overview of the Asian Waterfowl Census during the period 1994-96

Region/Country	Number of sites counted			Number of participants ^{1,2}		
	1994	1995	1996	1994	1995	1996
South Asia						
Bangladesh	42	34	47	24	7	26
India	986	577	573	389	354	326
Nepal	7	12	4	27	31	8
Pakistan	31	32	15	10	9	3
Sri Lanka	58	53	42	18	19	20
	1,124	708	681	468	420	383
Southeast Asia						
Brunei Darussalam	4	4	4	4	3	3
Indonesia	16	18	16	10	11	6
Lao P.D.R.	1			1		
Malaysia	10	7	15	12	4	8
Myanmar	14	13	3	21	12	6
Papua New Guinea	6			5		
Philippines	51			35		
Singapore	15	15	13	14		31
Thailand	17	5	9	9	8	3
Vietnam		1	1	0	2	1
	134	63	61	111	40	58
East Asia						
China, P.R.	6	14	4	3	8	3
Hong Kong	4	5	4	29	6	24
Japan	50	44	46	22	*	*
Korea, R.	10	23	26	9	8	9
Taiwan	33	30	38	28	44	61
	103	116	118	91	66	97
Australia	21	31	27	6	15	12
Total	1,382	918	887	676	541	550

Notes: ¹ 'Numbers of participants' shows the minimum number in each country, as from some countries names of clubs or associations are provided rather than names of people.
² Names received on some forms are illegible and unfortunately cannot be included.
* A combined list of 590 participants was received for the 1995-96 census.

In some parts of Asia, populations of waterbirds are dispersed across a network of small wetlands (tanks or ponds) within a region, e.g. in Sri Lanka and South India. Individual sites may or may not hold a large population of birds at a given time, but taken together these wetlands can support large numbers. Conservation of these waterbirds therefore depends on maintaining the character of the network of small but important wetlands.

The Asian region has been characterized by wetland loss in the last few decades, as a result of which several internationally important wetlands have been destroyed, partially lost or modified, resulting in a decline in their ability to support large populations of waterbirds. For the long-term conservation of waterbirds of the region, it is important to identify all sites of international and national importance to focus monitoring and conservation efforts, and the AWC can make a substantial contribution to achieving this goal.

Table 2: Wetlands in Asia supporting more than 20,000 waterbirds at one time

Name of site ¹	Maximum Count	Year of count	Uses/ threats ²	Ownership/ Protection Status ³
Bangladesh				
Hakaluki Haor	32,145	1996	46H	4
Pasua Haor	172,093	1994	67FH	4
Sanir Haor	32,300	1996	46FH	4
Tangua Haor Complex (About 9 Bils)	60,800	1996	246F	4
China				
Dianchi	30,000	1995		1
Dongsha Islands	22,200	1995	1H	1
*East Dongting Lake	102,610	1996		1
Sheyang Salt Works	82,073	1994	4HJL	1
Yancheng Nature Reserve	114,493	1996	469CDFH	1
Hong Kong				
Deep Bay - Combined	67,910	1996		1
India				
Ambalamedu Lake	30,003	1996	F	1
Amipur Tank	47,198	1994	467F	1
Badrana (Badane) Kere	21,215	1994	FH	
Bollandur Tank	56,339	1994	58A	1
Bhitarkanika Wildlife Sanctuary	47,596	1995	6FH	1
Byramangala Reservoir	21,286	1996	568G	1
Chhari - Dhandh	50,900	1995	H	4
*Chilika Lake: Sectors 1-8	1,484,186	1996	35FH	1
Dhir Beel	26,433	1995	246FH	4
Hirakud Reservoir	44,719	1996	26FH	1
Hukitola-Backwaters	114,049	1996	25FH	1
Irai Dam	80,747	1994	0	1
Jaldapara Wildlife Sanctuary	31,200	1995		1
Jayakwadi Tank (Nath Sagar Dam) B.S.	77,212	1994	67AF	1
Kaliveli	20,117	1994	467CFHL	4
Kanewal	23,028	1994	FH	4
Kansabati Reservoir	22,274	1996		
Khirjog & Vakrio (West Banni Area)	30,286	1995	3G	4
Kole Wetlands	78,840	1996	468CDF	34
Kolleru Lake	26,062	1996	679CDF	14
Korda Sandher	33,320	1994	FH	2
Kumarkhunti Reservoir (Chandaka WS)	74,616	1995	G	1
Manjira Reservoir	24,788	1996	4	1
Nal Sarovar	116,028	1994	3GL	1
Pariej	22,492	1994	3FH	4
Pong Dam Bird Sanctuary	66,721	1994	6H	1
Pulicat Lake (Pulicat Bird Sanctuary)	47,496	1996	IL	1
Rengali	39,540	1996	2HI	1
*Sambhar Lake	31,394	1996	EK	4
Simpson Estate	20,111	1995	1	3
Tapi Barrage	37,434	1996	FK	4
Vembanad Lake	29,991	1994	46FHKL	1
Yamuna River: Okhla Barrage (New)	22,067	1995		
Indonesia				
Banyuasin Delta	76,230	1994	4FG	1
Japan⁴				
East Region of Hakata Bay	35,507	1996		1
Gyotoku	31,310	1994		
Hamana Lake	44,557	1996		0
*Izunuma	23,091	1994		2

Name of site ¹	Maximum Count	Year of count	Uses/ threats ²	Ownership/ Protection Status ³
Kahokugata (Kawakitagata) 0007	21,014	1996		
Kasumigaura	50,816	1996		1
Mouth of the Toyokawa	79,673	1994		4
Mouth of the Yahagifurukawa	25,773	1995		2
Nakaumi	76,860	1996		1
Sambanse	87,086	1996		4
Shinji Lake	20,868	1996		1
Shiokawa Tideland	170,152	1996		4
Korea				
Asan Bay	29,807	1996	AGIL	4
Chonsu Lake	171,988	1995		
Han River	23,559	1995	GI	1
Han River Estuary	26,838	1996		1
Kum River	74,720	1995	6F	4
Nakdong Estuary	32,547	1995		1
Nonsan Reservoir	21,388	1996		
Sannam, Ch'unsan, Tongp'an, Junam Reservoir	22,685	1995		4
Sapkyo Lake	27,535	1994	L	4
Taeho	24,509	1996		
Myanmar				
Mong Pai	29,313	1995	6K	1
Nepal				
*Koshi (Kosi) R. Barrage	23,709	1994		
Pakistan				
Akara Dam	23,909	1995	F	4
*Chashma Barrage Reservoir	103,751	1994	8FH	1
Gwadar Beach	24,761	1996	FH	4
Sri Lanka				
Anaiwilundawa Tanks	124,576	1995		
Thailand				
Beung Boraphet	20,060	1994		
Bung Cha-Vak	38,651	1994	2358H	1

Notes:

* Indicates that the site is on the Ramsar list.

¹ Australia is not included in the list as totals were received for shorebirds only; not all waterbirds.

² Uses/threats (as recorded on count forms): Blanks indicate no data; 0-Unknown; 1-None; 2-Sedimentation; 3-Excessive overgrowth of vegetation; 4-Cutting/clearance of vegetation; 5-Eutrophication; 6-Agriculture along dry margins; 7-Excessive cattle grazing; Pollution by, 8-Domestic sewage; 9-Solid waste, A-Industrial waste; B-oil; C-pesticides; D-fertilizers; E-mining; F-Hunting/trapping/poaching of birds; G-Little fishing; H-Large-scale fishing; I-Partial reclamation; J-Complete reclamation; K-Dam/barrage construction; L-Tourism/recreation.

³ Ownership/Protection status: 0-Unknown; 1-By Government; 2-By Tradition; 3-Private; 4-Unprotected

⁴ No information on uses, threats and protection status has been included from sites in Japan as the current AWC count forms used there do not request this information.

Land ownership/Protection status of sites

Information on the status of land ownership of wetlands was reported for about 80% of sites covered. Of these, about 44% are owned by government, but this proportion increases to about 80% for the sites holding over 20,000 birds (Figure 1).

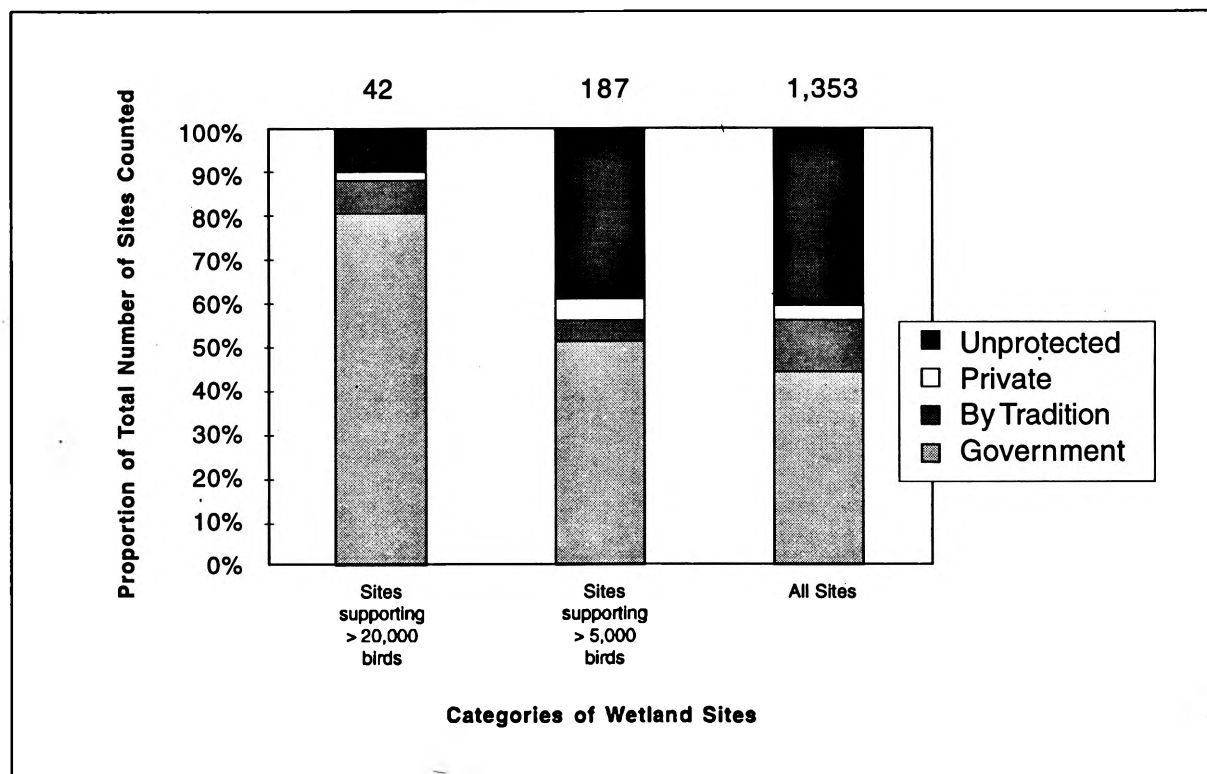


Figure 1: Ownership/protection status of wetland sites covered by the Asian Waterfowl Census 1994-96

- Notes:**
- ¹ The figure gives information for 1,353 of a total of 1,994 sites covered between 1994-96 for which data were provided.
 - ² For sites covered in more than one year, the most recent information has been used.
 - ³ Values above each bar represent the number of sites reported for the respective categories.

Ownership/protection of sites by government does not appear to guarantee their conservation, as is evident from the information reported on uses and threats to these sites (see Table 2). Threats are also reported at Ramsar sites.

Uses of and threats to wetlands

In an attempt to widen the scope of the census beyond waterbirds observed at the wetlands, preliminary information was collected during the census on wetland uses and threats. However, insufficient information was received to make it possible to provide a general overview across the region. For selected territories (Bangladesh, India, Pakistan, Indonesia and Taiwan), this information is portrayed graphically, and it is hoped that its inclusion in the report will reinforce the need for

participants to look closely at the wetlands and identify threats in order to take measures to conserve these important sites.

As the information on uses and threats reflects observations made on a single day of the year, it is at best indicative of the situation prevailing at the time and can serve as an early warning system for threats that may otherwise not be reported. It is recommended that appropriate follow-up actions be initiated at sites where serious threats are recorded.

In some cases, it is difficult to differentiate between a use and a threat. For example, fishing can be recorded as a use of a wetland, whereas heavy or overfishing can be categorized as a threat to the site and to other forms of wildlife including birds that may be disturbed by the fishing activities. From observations made on one day only, it is not possible to draw a conclusion of this sort, and it is recommended that this be followed up at other seasons to obtain a detailed understanding of the uses and threats to wetlands.

Threatened species

The results of the census provide a snapshot of the regional distribution of some threatened species occurring in Asia (categories follow Collar *et al.* 1994). A total of 31 species categorised as threatened were encountered during the census (Table 3). Significant records are discussed briefly in the relevant country reports.

Table 3: Threatened species recorded during the Asian Waterfowl Census 1994-96

Species	South Asia			South East Asia			East Asia			Status ¹
	1994	1995	1996	1994	1995	1996	1994	1995	1996	
Pelicans										
Spot-billed Pelican <i>Pelecanus philippensis</i>	2,421	1,547	2,213							
Dalmatian Pelican <i>Pelecanus crispus</i>	204	351	16				18	21	23	VU
Hérons, Egrets & Bitterns										
Imperial Heron <i>Ardea imperialis</i>	5	1	1							EN
Chinese Egret <i>Egretta eulophotes</i>				330	7	4		5	2	EN
Storks										
Milky Stork <i>Mycteria cinerea</i>				227		158				VU
Storm's Stork <i>Ciconia stormi</i>				1		8				EN
Oriental Stork <i>Ciconia boyciana</i>							151	378	248	EN
Greater Adjutant <i>Leptoptilos dubius</i>	33	14	30							EN
Lesser Adjutant <i>Leptoptilos javanicus</i>	441	229	331	113	36	8				VU
Ibises & Spoonbills										
Black-faced Spoonbill <i>Platalea minor</i>							254	338	329	CR
Swans, Geese & Ducks										
Swan Goose <i>Anser cygnoides</i>							1,840	1,247	8,047	VU
Lesser White-fronted Goose <i>Anser erythropus</i>							180	1	1,806	VU
White-winged Duck <i>Cairina scutulata</i>			23		7					EN
Baikal Teal <i>Anas formosa</i>	7	1					20,105	56,799	49,247	VU
Marbled Teal <i>Marmaronetta angustirostris</i>	4	61	93							VU
Baer's Pochard <i>Aythya baeri</i>	1,991	1,941	3,053	6	150	14	4	380	556	VU
Ferruginous Duck <i>Aythya nyroca</i>	13,710	3,841	2,663	2		10		16		VU
Scaly-sided Merganser <i>Mergus squamatus</i>									19	VU
White-headed Duck <i>Oxyura leucocephalus</i>	148	61								VU
Cranes										
Black-necked Crane <i>Grus nigricollis</i>								337		VU
Red-crowned Crane <i>Grus japonensis</i>							1,523	851	1,358	VU
White-naped Crane <i>Grus vipio</i>							2,191	2,023	2,434	VU
Siberian Crane <i>Grus leucogeranus</i>							66	1	22	EN
Rails, Gallinules & Coots										
Andaman Banded Crake <i>Rallina canningi</i>			1							VU
Masked Finfoot <i>Heliopais personata</i>				1						VU
Shorebirds										
Sociable Plover <i>Vanellus gregarius</i>	3	6	215							VU
Nordmann's Greenshank <i>Tringa guttifer</i>		1	2	10					2	EN
Wood Snipe <i>Gallinago nemoricola</i>			5							VU
Spoon-billed Sandpiper <i>Eurynorhynchus pygmaeus</i>	284	138	312					1		VU
Gulls, Terns & Skimmer										
Saunders' Gull <i>Larus saundersi</i>							1,170	1,129	2,106	EN
Black-bellied Tern <i>Sterna acuticauda</i>	278	837	237							VU
Indian Skimmer <i>Rynchops albicollis</i>	866	263	974		6					VU

¹Status of species follow Collar *et al.* (1994): CR - Critically endangered, EN - Endangered, VU - Vulnerable.

INTRODUCTION

Background to the Asian Waterfowl Census

The Asian Waterfowl Census (AWC) is a coordinated international scheme for the collection and dissemination of information on waterbirds and wetlands. The scheme has been in operation since 1987 under the coordination of Wetlands International (formerly the Asian Wetland Bureau and the International Waterfowl and Wetlands Research Bureau).

The major objectives of the Asian Waterfowl Census are:

- to obtain information on an annual basis of waterbird populations at wetlands in the region during the non-breeding period of most species (January), as a basis for evaluation of sites and monitoring of populations;
- to monitor on an annual basis the status and conditions of wetlands; and
- to encourage a greater popular interest in waterbirds and wetlands, and thereby promote their conservation.

The AWC is conducted during the 2nd or 3rd week of January across the region and undertaken by volunteer participants. Where the number of participants is limited and/or where coverage is poor, counts from December and February are included.

At a national level, the census is coordinated by one or more coordinators, with up to nine coordinators in India. The coordinators organise a network of volunteer participants from all walks of life with varying levels of skills in identification and counting of birds. In countries where the coverage is poor (e.g. Vietnam and Cambodia) and there is no coordinator, information is sent directly to Wetlands International - Asia Pacific by the counters.

All waterbird species encountered in the region are covered by the census. In addition to waterbird species as recognised by the Ramsar Convention, counts of species of birds of prey (raptors) that are regularly encountered at wetlands have been included, as several of these species are largely dependent on the food resources of these habitats.

Information collected by the census from 1987 through to 1993 has been published in a series of annual reports (van der Van 1987, 1988; Scott and Rose 1989; Perennou *et al.* 1990; Perennou and Mundkur 1991, 1992; Mundkur and Taylor 1993). In order to provide a more complete picture of the distribution of waterbird populations in the region, counts of shorebirds from Australia and New Zealand from existing national shorebird monitoring schemes have been included. These were received in 1992 and 1993 from New Zealand and from 1992 onwards from Australia (with the exception of 1993).

In addition to these annual reports, results from the years 1987 to 1991 have been analysed to identify species distribution and identify important wetlands in a comprehensive report by Perennou *et al.* (1994). From 1994 to 1996 no annual reports were produced, primarily due to funding constraints. This report brings together the information collected during these three years.

Asia-Pacific Migratory Waterbird Conservation Strategy: 1996-2000

The identification of regional priorities and actions for migratory waterbird and wetland conservation in the Asia Pacific region has been the focus of debate and discussions held over the last few years at several international workshops and conferences involving governments, international and national NGOs

and technical experts. The outcome of these efforts was the production of a *Strategy* document in March 1996. The process was coordinated by Wetlands International - Asia Pacific with financial support from the governments of Australia and Japan and many others.

The *Strategy* covers seven broad, overlapping themes: Conservation of Species; Conservation of Habitats; Research and Monitoring; Education, Information and Awareness; Training; and Policy and Legislation. These themes translate into several action points, notably the development and implementation of action plans and networks of sites of importance for three species groups (shorebirds, Anatidae and cranes), reviews of legislation and policy, training and public information, and awareness plans, as an attempt to enhance the conservation of migratory waterbirds and their habitats in the Asia-Pacific region until the end of the millennium.

The *Strategy* identifies the Asian Waterfowl Census as an important mechanism for undertaking several of these priority actions. The network of coordinators and participants involved in the census should be able to play a key role in developing and participating in a variety of associated activities. These could include extending the monitoring programme to other times of the year by focussing on wetlands of national and international importance, organizing and participating in training courses and workshops to improve census techniques, the preparation and dissemination of information on wetlands and waterbirds to increase public awareness, and strengthening of media involvement in all these conservation promotion activities.

Information collected during the AWC and associated programmes has been valuable in developing plans for the networks of sites of importance for species (shorebirds, cranes and Anatidae) and in identifying important sites and priority actions. Two of these networks have already been launched, as outlined below. Network sites will encourage a range of activities including public awareness and promotional activities, promotion of sustainable wetland management, research,

monitoring and training. The AWC network would be able to make a useful contribution to these activities and is encouraged to participate.

East Asian Australasian Shorebird Reserve Network

The first species-oriented conservation network to be developed under the *Strategy* was launched at the 6th Meeting of the Conference of Contracting Parties of the Ramsar Convention in Brisbane, Australia, on 26 March 1996. Ten countries across the flyway from Russia to New Zealand have nominated 24 sites to the network, including Ramsar sites, to promote the cause of shorebird and habitat conservation.

The 1996 Ramsar Meeting of the Conference of Parties, in recognising the value of the *Strategy* and the Shorebird Network and the role that they can play in promotion of wetland conservation and public awareness, adopted a recommendation called the *Brisbane Initiative*. The Initiative calls on countries and territories in the region to participate and support its implementation.

North East Asian Crane Site Network

The second network was launched on 7 March 1997 at the International Workshop on Wetland and Waterbird Conservation in North East Asia in Beidaihe, People's Republic of China. Sixteen sites, including several Ramsar sites and two transboundary reserves, were nominated and these provide a link between important breeding, staging and non-breeding areas for cranes in the region

Significantly, some of these sites support more than half the global population of some crane species. For example, during the non-breeding period, 95% of Siberian Cranes depend on Poyang Lake in China, more than 60% of Red-crowned Cranes on Yancheng Biosphere Reserve in China and more than 60% of White-naped Cranes on Arasaki in Japan.

METHODS

Geographic coverage

For the purposes of the report, countries and territories providing information are divided into three main regions: South Asia (Bangladesh, India, Nepal, Pakistan and Sri Lanka), Southeast Asia (Brunei Darussalam, Indonesia, Lao P.D.R., Malaysia, Myanmar, Papua New Guinea, Philippines, Singapore, Thailand and Vietnam) and East Asia (China, Hong Kong, Japan, Republic of Korea and Taiwan). Information on shorebirds is included from Australia.

Southwest Asia, covering the Arabian Peninsula, Central Asian Republics and Iran, lies on the crossroads of two flyways: the East African-Eurasian Flyway and the Central Asian- Indian Flyway. Information from these countries was included in the annual reports of the Asian Waterfowl Census up to 1993. This region is now covered under the African-Eurasian Waterbird Agreement (AEWA). Since 1994, these countries have been included in the annual reports of the Western Palearctic and South-West Asia Waterfowl Census (Rose 1994, 1995).

Data collection and handling

The annual waterbird count data and site information are recorded on standardized census forms by a network of participants. Single counts are made at each site. The information is sent to the coordinators and, after checking, collation and preparation of an annual country report, is forwarded to Wetlands International.

This information is entered into standard databases using customized dBASE IV programmes at the Wetlands International - Asia Pacific office in Malaysia. Processing of the data is in dBASE IV™ and Microsoft Access™ and Excel™. In 1993-94, the

database and programmes were provided on a trial basis to national coordinators to enter the data themselves. As a result, over the last three years, some coordinators have started to provide count and site information using these databases. However, some coordinators have also provided information in other formats without including all the necessary data and by using different software packages. To incorporate these data, it has been necessary to convert them to the standard formats, a task that has been quite difficult, resulting in the loss of some counts as the count and site forms were not provided.

Participants and coordinators

The census continues to draw on participants from a range of backgrounds, all with a common interest in contributing their time and energies to the counting of waterbirds.

Coordination of the census is undertaken largely on a voluntary basis, and there have been some changes in responsibilities. The following changes in national and regional coordinators occurred during the last three years: in Brunei Darussalam, Victor Stanger took over from Mary Seal Coon; Prof Lu Jianjian passed on the torch to the Environmental and Wildlife Monitoring Centre of the Ministry of Forestry in China; Siraj Taher was the successor of Aasheesh Pittie as regional coordinator for Andhra Pradesh; M. Raghuraman took over from the late V.J. Rajan in Tamil Nadu, India; Prof. Akira Uritani succeeded Y. Natori in Japan; and Phil Round coordinated the census along with Bubphar Amget in Thailand. The major change from 1997 onwards is the nomination of the Bombay Natural History Society as the national coordinator for the census in India.

A list of participants and coordinators is provided in Appendices I and II respectively.

Support for census activities

In some countries (e.g. India and Bangladesh), bird watching clubs, nature groups and individual participants have been able to collaborate successfully with one or more state/provincial forestry, environment and other government departments and obtain logistical support (vehicles, boats and accommodation in the field) to undertake counts of large/inaccessible wetlands.

A few coordinators (in Bangladesh and Sri Lanka) have reported successful attempts to raise funds from a variety of sources including the corporate sector and international aid agencies. These funds have helped to sustain and boost the census, associated training and public awareness activities in these countries.

The cooperation and fund raising efforts mentioned above not only provide the basis to undertake counts but also serve to promote wetland and waterbird conservation to these agencies. It is recommended that other coordinators and participants also develop such links to promote the census in their countries.

Data checking and quality of information

The census depends on accurate reporting of species and numbers by the participants. As the information is being collected by a variety of volunteers with different levels of skills in identifying species and making counts, it is likely that there are some errors in the data supplied. As the coordinators are aware of local conditions, they need to check and to request additional verification where counts of birds appear unusually large, threatened species are reported in greater numbers than published information indicates are likely, or species are reported outside their normal range.

In the collation of the report, the authors have attempted to verify the data received from coordinators and participants and referred back to coordinators on the validity of some information. In some cases, where unusual records have been received (threatened species,

vagrants or large numbers) and where no supporting information was forthcoming from coordinators or participants, the authors have made a judgement on whether the record could be attributed to be a transcribing error on the form or other reasons and these records are either included in the unidentified waterbird category or deleted.

The inclusion of records of species in the report, however, does not attest their authentication by Wetlands International. It is urged that all new or unusual observations made during the census be authenticated by relevant national organizations and be published in appropriate national and/or regional journals.

The total number of sites included in the report is fewer than the overall number of sites from which information was received from coordinators and participants because:

- Where large sites are divided into more than one count unit, separate count forms are submitted, for e.g. Inner Deep Bay in Hong Kong and Chilika Lake in India. For these sites, all the count unit forms are combined into a single count for the purpose of reporting.
- A few count forms were received without any site names or other essential details or with no indication of numbers of birds, and these cannot be used.

Maps of sites and species

Site and species maps have been generated using Maptitude™, a simple mapping programme. Information on the precise location of sites has been taken from the site forms submitted by participants. As it has not been feasible to countercheck the accuracy of all information, an attempt has been made to check locations at least of sites known to be important. By running checks, it was possible to correct locations of some sites that had been plotted outside the boundaries of a country.

A limitation of the mapping software, base maps and the scale of presentation of the maps has resulted in count sites on small islands or

on some coasts not being precisely located on the maps.

Sites located on the maps account for only about 60% of the 1,994 sites covered during the 1994-96 census. For the remainder of the sites, no locational information has been provided. There was a considerable difference in the provision of this information from different countries; locations of all sites in Brunei Darussalam and Nepal were provided, whereas the reporting rate was much lower for sites in Bangladesh (39%), Indonesia (51%) and India (70%).

However, irrespective of whether information on site location has been provided, count and species information on all sites is included in the text, tables and appendices.

Information on uses and threats

From 1993 onwards, count forms provided for the census have requested information, in a simple format, on the uses and threats observed at the wetland. A complete list of these has been provided in Table 2 and Appendix III. Analysis of responses to this information has varied between countries and years. For countries where information has been provided for a sufficient number of sites to permit discussion, figures depicting proportions of sites reporting uses and threats are provided in the national sections.

REGIONAL SECTIONS

South Asia

OVERVIEW

Initiated in 1987, the AWC has been active for 10 years in the South Asia region. The Maldives, at the terminus of the flyway for several species of waterbirds, is the only country that has not participated in the census.

Figures 2 and 3 provide an overview of the numbers of birds and species respectively

counted at sites in the region (note: only sites for which locations were provided are depicted). During the 1994-96 period, India continued to be the main contributor to the census (with over 70% of sites counted). Although the total number of sites covered declined, coverage generally increased and the first ever counts were received from the Andaman Islands. Declines were also observed in other countries, most notably in Pakistan.

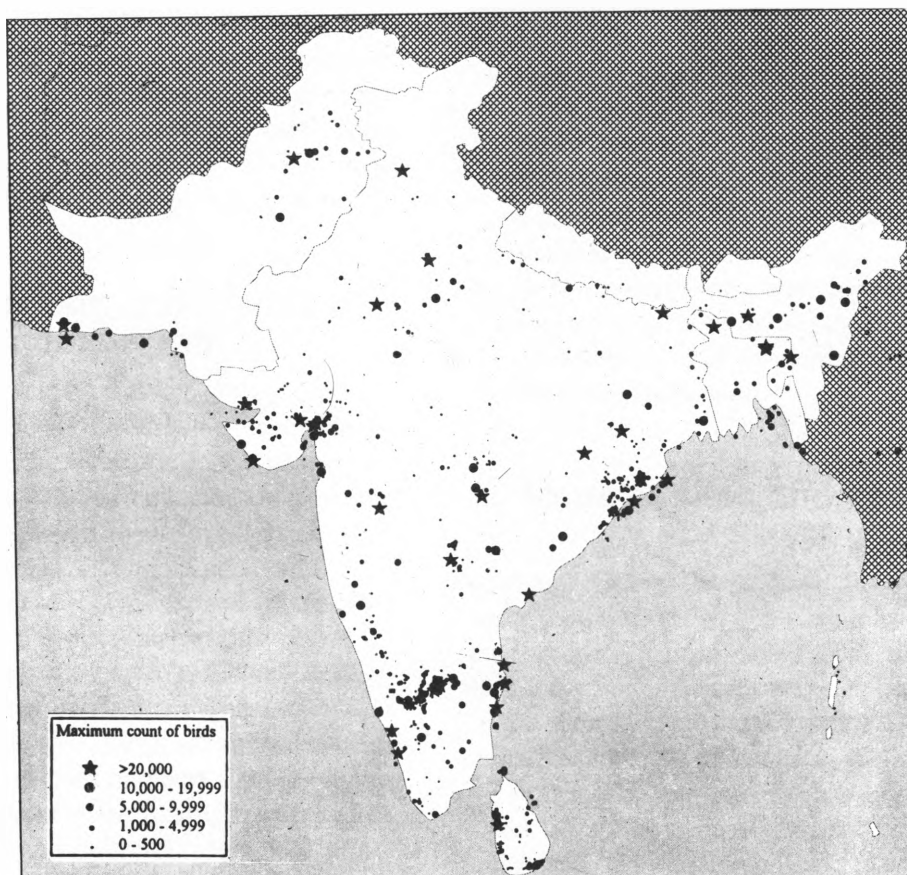


Figure 2: Total number of waterbirds counted at sites in South Asia covered during the Asian Waterfowl Census 1994-96

A total of 164 of the 1,641 sites in South Asia covered in the census during 1994-96 recorded over 5,000 waterbirds. Of these, 45 each held at least 20,000 birds (Table 2) and fulfilled the Ramsar criteria. The Ramsar sites of Chilika Lake in India, Kosi Barrage in Nepal and Chashma Barrage in Pakistan reported the maximum numbers of birds from these countries in one or more years.

As there has been a considerable difference in the coverage of the census each year, it is difficult to draw conclusions on changes in populations of any species. The most abundant species recorded in the region during this period remain Common Coot, Northern Pintail and Lesser Whistling Duck (Appendix IV), in keeping with general trends of previous years.

There has been a decline in the number of White-headed Duck reported over the last three years, although this is linked to the lack of counts at the appropriate sites, whereas increasing numbers of Marbled Teal were recorded each year. Numbers of Indian Skimmer recorded during these three years was lower than in the 1993 AWC (Mundkur & Taylor 1993).

Sightings of unusual species made during the census include Goliath and Imperial Herons in India and Goliath Heron in Bangladesh, and Baikal Teal in India and Bangladesh (Appendix IV).

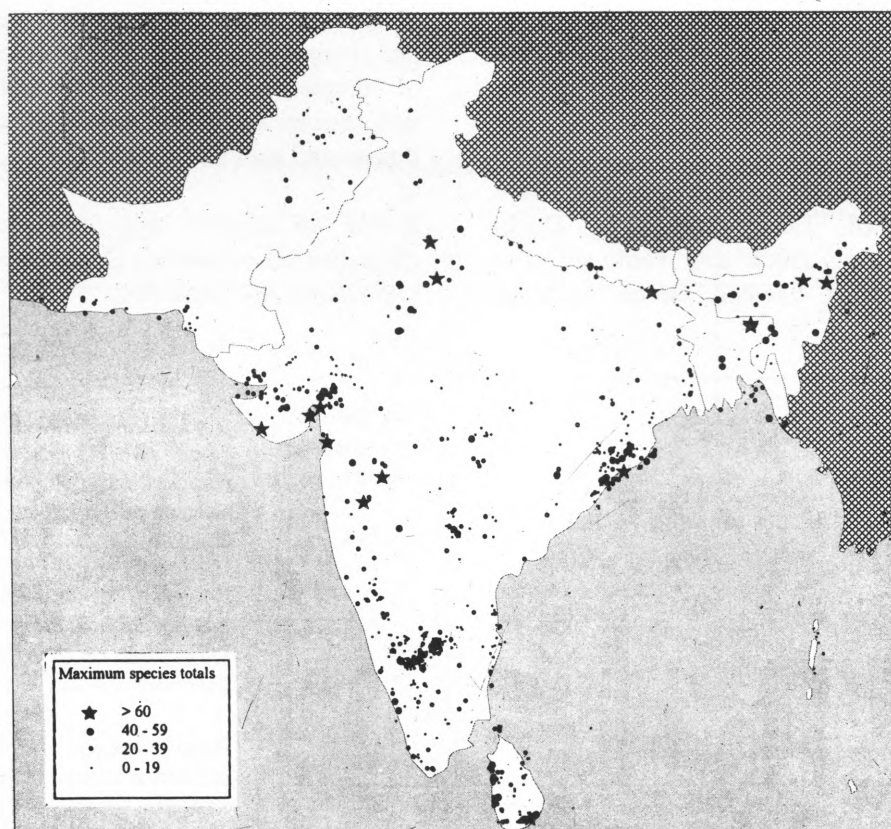


Figure 3: Total number of species counted at sites in South Asia covered during the Asian Waterfowl Census 1994-96

BANGLADESH

The 1996 census marked a decade since the initiation of the AWC in Bangladesh. From 1994 to 1996, coverage varied: 42 sites in 1994, 34 sites in 1995 and a high of 47 sites in 1996. A total of 11 sites were covered in all three years. To encourage participation and improve skills of participants, a pre-census training workshop for government and NGO volunteers was organized in 1994 and 1996.

In the 1994-1996 period, the maximum number of birds was recorded in 1994 (350,390 birds) with 169,973 and 348,932 birds being counted in 1995 and 1996 respectively (Appendix Va). The maximum number (103) of species of waterbirds was recorded in 1996.

Twenty sites recorded over 5,000 birds, with wetlands of the Haor Basin in the north east, Hakaluki Haor, Pashua Haor, Sanir Haor and Tangua Haor, holding more than 20,000 birds each (Table 2). A complete coverage of Pasua Haor in 1994 revealed the importance of the site, with a total of 172,093 birds of 53 species counted.

The most abundant species counted were Northern Pintail, Lesser Whistling Duck, Fulvous Whistling Duck and Gadwall. The numbers of Great Crested Grebe recorded

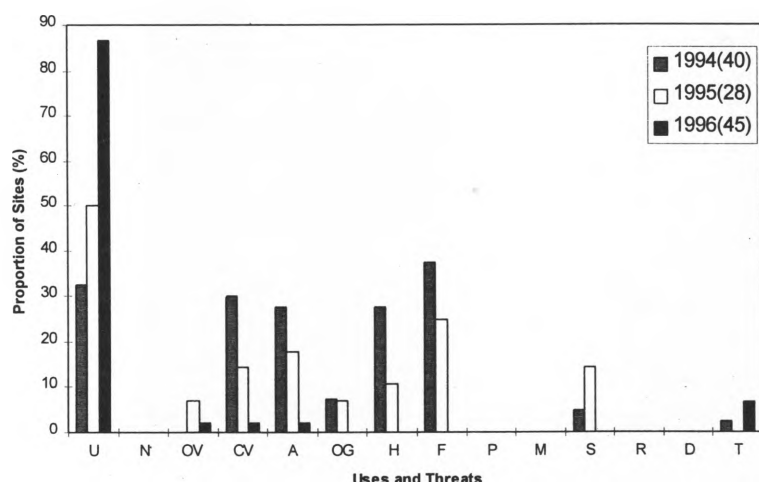
exhibited a steady increase from 233 in 1994, 855 in 1995 to 2,240 in 1996 (from only three in 1990: Perennou *et al.*, 1990).

Of the threatened species, Spoon-billed Sandpiper recorded a total of 130 in 1996 compared to four in 1994 and five in 1995. This species was recorded in all three years at Char Bahauddin with the highest count of 120 in 1996. Nordmann's Greenshank was recorded both in 1995 (1 bird at Char Bahauddin) and 1996 (2 birds at Nijhum Dweep-Char Osman). Goliath Heron was recorded twice; two at Char Jamir in 1996 and a single bird at Char Bahauddin in 1995.

Unusual records include the sighting of a single Great White Pelican at Pasua Haor in 1994 and a single Smew and single Greater Scaup in Halir Haor in 1995.

In 1994, the main uses and threats reported at wetlands were cutting/clearance of vegetation, agriculture along dry margins, hunting of birds, and fishing (Figure 4). Due to a poor reporting of threats and uses in 1995 and 1996, few conclusions could be drawn as to the main threats and uses at the sites.

Based on reports by: Anisuzzaman Khan (National Coordinator), Department of Forests and Dhaka Zoo Authority.



Key to uses and threats:

U-unknown; N-None; OV-Overgrowth of vegetation; CV-Cutting and clearance of vegetation; A-Agriculture along dry margins; OG-Overgrazing; H-Hunting/ poaching of birds; F-Fishing; P-Pollution; M-Mining; S-Sedimentation; R-Reclamation; D-Dam/Barrage construction; T-Tourism.

Note: Numbers in brackets refer to number of sites reporting threats in the respective years.

Figure 4: Bangladesh - Uses and threats at wetlands covered during the Asian Waterfowl Census 1994-96

INDIA

Of the total of 1,994 sites covered for the AWC between 1994-96, more than 70% are in India. However, there was notable decline in the number of sites covered (Table 4): from 986 in 1994 to 573 in 1996. A total of 237 sites were covered in all three years. In 1996, the total of 2,830,754 birds counted was the maximum number for the three years. In Orissa and West Bengal, there was a significant increase in number of sites covered from 1994-96. Karnataka remained the top contributor to the number of sites surveyed, with a maximum of 436 sites in 1994, followed by Gujarat and Orissa. The first counts from the Andaman Islands were conducted in 1996. The numbers of birds and species recorded from different parts of the country was dependent on the number of sites counted in the state; a breakdown of this information is provided in Appendix VI.

Of the 1,421 sites counted in India, 34 sites covered during the AWC 94-96 (Table 2) qualify

as sites of international importance on application of the Ramsar criteria (for more details see Appendix IX). These sites are in the states of Andhra Pradesh (3), Assam (1), Delhi (1), Gujarat (8), Himachal Pradesh (1), Karnataka (3), Kerala (3), Maharashtra (2), Orissa (6), Pondicherry (1), Rajasthan (1), Tamil Nadu (1) and West Bengal (2). Of these sites, only 17 have been reported to be under legal protection. Chhari-Dhandh, a seasonally inundated wetland in Gujarat that was reported to support 50,900 waterbirds in 1995, is among the wetlands that is still not afforded any legal protection.

Chilika Lake, the largest brackishwater body in India, reported a total of 1,484,186 waterbirds of 85 species in 1996, and topped the national list. Although this enormous waterbody has been declared a sanctuary and a Ramsar site, it is being threatened by aquaculture and other land-use changes, while waterbirds are reportedly being poached in large numbers.

Table 4: Summary of coverage of the Asian Waterfowl Census 1994-96 in India

Region	Number of sites covered		
	1994	1995	1996
Andaman Islands			8
Andhra Pradesh	41	48	37
Arunachal Pradesh	2		
Assam	30	6	35
Bihar	4		9
Delhi	1	1	
Goa	1		
Gujarat	163	113	86
Haryana		1	
Himachal Pradesh	1	1	
Karnataka	436	178	167
Kerala	23	21	14
Madhya Pradesh	12		
Maharashtra	97		
Manipur	1		
Orissa	107	120	162
Pondicherry	3	3	3
Punjab	2		
Rajasthan	28	18	10
Tamil Nadu	5	41	12
Tripura	3		1
Uttar Pradesh	7	5	
West Bengal	19	20	29
Total Sites Counted	986	577	573

As in previous years, Northern Pintail and Common Coot remained the most abundant species recorded in all three years. Among the shorebirds, Black-tailed Godwit (73,491 in 1996) was the most abundant species reported.

A small number of Goliath Heron were reported each year from Orissa and Gujarat (Appendix V). As the status of this mainly African species is little known in India, further confirmation of these records is urgently needed, especially as the species has previously been misidentified as the smaller Purple Heron.

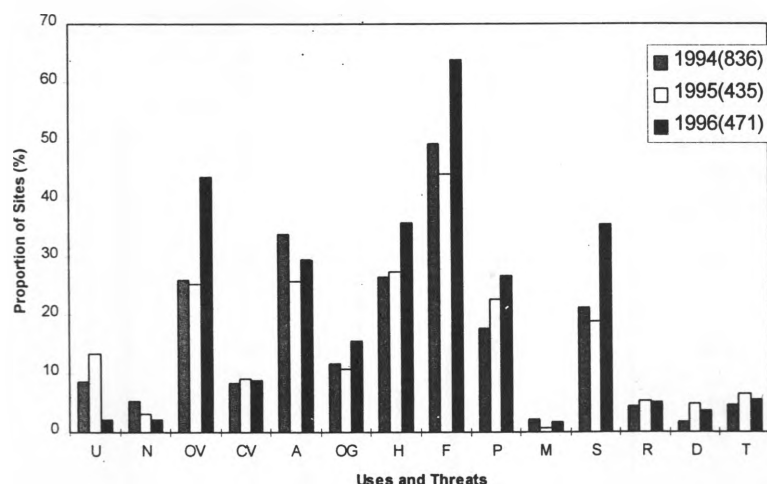
The little known and endangered Imperial Heron was first reported in the 1993 AWC from Assam (3 birds) and Arunachal Pradesh (1), see Mundkur & Taylor (1993). In 1994 five birds were reported in Assam: from Koabari Doloni Abhayaranya (2), Kaziranga National Park (2) and Sareswar Beel (1). However, although these sites were covered in the two following years, there were no sightings of the species.

After an absence of two years, the endangered Siberian Crane (4 individuals) was reported in February 1996 from its traditional site at Keoladeo National Park (a Ramsar site) near Bharatpur, Rajasthan (Meine and Archibald

1996). The Park was not covered by the census in 1995 and 1996. With no records in 1994, a total of 23 White-winged Duck were recorded at Nameri Wildlife Sanctuary in 1996, a site not covered in 1995. Seven Baikal Teal were recorded in 1994 at the Patratu Thermal Water Reservoir in Bihar. This species is rare in India and this is the first record during the AWC.

Numbers of stork species recorded have fluctuated, with an overall decline in records of White, Black-necked, Woolly-necked Storks and Greater and Lesser Adjutant, while records of Painted and Black Storks have increased.

Australian (White-headed) Stilt from Orissa was reported in all three years, with photographic evidence provided for one bird in the first year. Sonobe & Usui (1993) and Perennou *et al.* (1994) distinguished Australian (White-headed) Stilt *Himantopus leucocephalus* from Black-winged Stilt *Himantopus himantopus*, although most other authors, e.g. Marchant & Higgins (1993), treat *leucocephalus* as a sub-species of *Himantopus himantopus*. More information of the distribution of this sub-species (or species) is required before any firm conclusions can be made regarding its range.



Key to uses and threats:

U-unknown; N-None; OV-Overgrowth of vegetation; CV-Cutting and clearance of vegetation; A-Agriculture along dry margins; OG-Overgrazing; H-Hunting/ poaching of birds; F-Fishing; P-Pollution; M-Mining; S-Sedimentation; R-Reclamation; D-Dam/Barrage construction; T-Tourism.

Note: Numbers in brackets refer to number of sites reporting threats in the respective years.

Figure 5: India - Uses and threats at wetlands covered during the Asian Waterfowl Census 1994-96

Differing numbers of Asian Dowitcher and Spoonbilled Sandpiper were recorded from various sites in Orissa each year. Additional information is needed for the verification of the status of these species in the state.

Many important wetlands in India continue to be subject to various uses and threats (Table 2). As a result of fairly comprehensive coverage of wetlands in India, it has become possible to describe the main uses and threats to Indian wetlands (Figure 5). Fishing and agriculture were reported to be two of the main activities at the water bodies surveyed. Hunting of waterbirds, pollution and excessive growth of vegetation are among the main threats reported at these wetlands.

Based on regional coordinator reports by P.O. Nameer, U.N. Dev, Rishad Pravez, Aasheesh Pittie (1994, 1995), Siraj Taher (1996).

NEPAL

Although Nepal participated in the census each year, coverage fluctuated from seven sites in 1994, 12 in 1995 to four sites in 1996. Overall 14 sites were counted at least once in the three years (Appendix III) with three sites being covered in all three years. The maximum count (34,568) was recorded in 1996. Almost 70% of this total was recorded at Koshi Barrage (Nepal's only Ramsar site). In all three years, total counts at Koshi Barrage were quite consistent, with over 20,000 birds being recorded and a maximum number of species (80) in 1995.

Northern Pintail, Gadwall and Lesser Whistling Duck were the most abundant species (Appendix Va).

Among the threatened species, Baer's Pochard (3) was recorded in 1994 only, at Koshi Barrage. Maximum counts of other threatened species counted during the 3-year period include Lesser Adjutant (24), Ferruginous Duck (458), and Black-bellied Tern (68).

Reports received indicate that wetlands, mainly around the area of Koshi Barrage, are being reclaimed for cultivation, cattle grazing and

commercial harvesting of reeds.

Based on a report by Rabindra Manandhar (National Coordinator)

PAKISTAN

The last three years (1994-96) witnessed a steep decline in the number of wetlands covered in comparison to 1993 when information was received from 269 sites, primarily due to the efforts of the Sindh Wildlife Management Board. Only 31 sites were covered in 1994, 32 in 1995 and 15 in 1996 with 10 sites covered in all three years. In the period of the census, a maximum of 181,032 waterbirds were recorded (1994) and a maximum of 101 species (1995).

A total of three sites supported more than 20,000 birds (Table 2). In Punjab, the Chasma Barrage Reservoir (a Ramsar site) recorded a total 103,751 birds of 25 species, the highest count in the country in 1994. This remarkable increase in numbers in contrast to previous years (9,774 in 1992 & 29,005 in 1993) highlights its importance for waterbirds, approximately 60,000 Common Coot and 30,000 unidentified ducks contributing to this count. With only partial coverage the following year, a much lower count of 13,717 birds was recorded. The apparent intermittent usage of this site by waterbirds may be due to the occurrence of other activities including poaching of birds and large-scale fishing (Table 2). The site was, however, not covered in 1996.

Common Coot was the most numerous species counted in 1994 and 1995, with Lesser Black-backed Gull topping the list in 1996 (Appendix 4). Maximum counts of all species including those on the threatened list were generally much lower than in previous years due to poor coverage. Only seven records (in 1995) of Dalmatian Pelican were received (against 3,654 in 1993), 61 Marbled Teal, 148 White-headed Duck and 10 Black-bellied Tern. However, the number of Ferruginous Duck (440 in 1995) was much higher than in previous years.

Clifton Beach and the Karachi coast continue to be destroyed due to recreation and construction activities. Other reported wetland uses and

threats for these important sites include hunting and fishing and agriculture along dry margins. There is a need to ensure continuous proper management of these wetlands to prevent socio-economic uses from evolving into threats to waterbirds and other wetland flora and fauna.

Figure 6 provides a summary of the main uses and threats reported from wetlands in Pakistan.

Based on reports by Syed Ali Ghalib & Syed Ali Hasnain of the Zoological Survey Department.

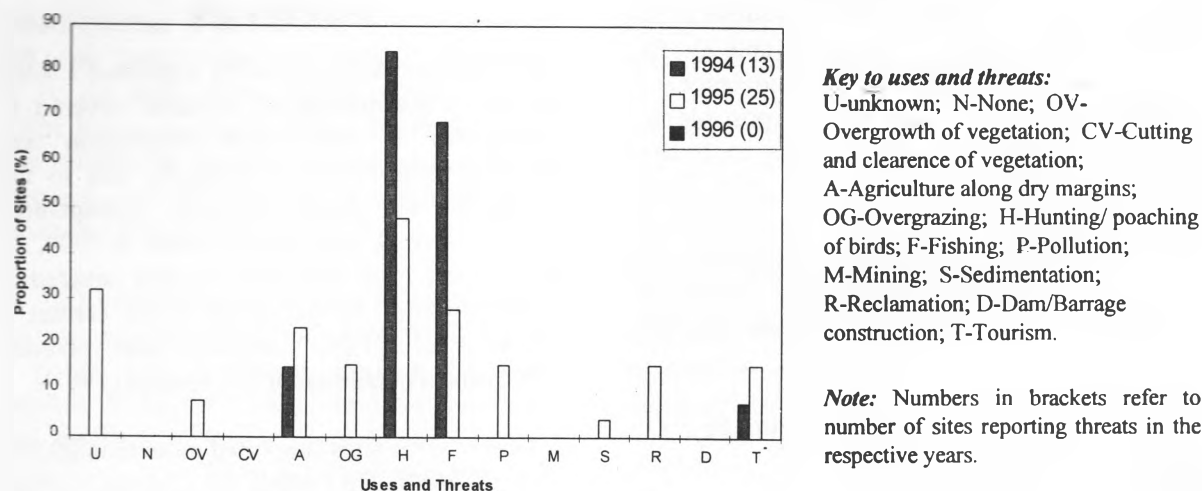


Figure 6: Pakistan - Uses and threats at wetlands covered during the Asian Waterfowl Census 1994-96

SRI LANKA

There was a gradual decline in coverage in Sri Lanka from a total of 58 sites counted in 1994 to 42 sites in 1996 (Appendix III). The drop in coverage was reported to be due mainly to lack of volunteers and various security restrictions that hampered counting. However, a reasonable number of 26 sites were covered in all three years. The total number of waterbirds counted (234,883) was at its highest in 1995.

The Anaiwilundawa cluster of tanks topped the list with a remarkable total of almost 125,000 waterbirds of 36 species recorded in 1995 (2,577 in 1994 and 2,712 in 1996). Over 90% of these birds were ducks: Lesser Whistling Duck, Garganey and Northern Shoveler. Recognising its importance for waterbirds, the Ceylon Bird Club has urged the authorities to declare this invaluable wetland area as a Sanctuary under the Fauna & Flora Protection Ordinance.

Bundala, the country's only Ramsar site, was covered in all three years, with a maximum count of 12,086 birds of 62 species recorded in 1995.

Uncontrolled aquaculture projects (i.e. hundreds of prawn farms in all available wetlands from Chilaw northward) pose a severe threat to the northwestern coastal wetlands. Puttalam Lagoon, a large brackish to saline lagoon (10,112 waterbirds in 1995) has been subject to these activities and a low count (2,050 waterbirds) in 1996 may be indicative of the problems. Immediate conservation measures/enforcement are vital in order to avoid further degradation of these important coastal wetlands. With the widespread destruction of waterbird habitats along the northwestern coast, it is perhaps not surprising that the January 1996 count produced the lowest total number of waterbirds in the 13 year history of the census in Sri Lanka, about 67,000 birds.

Among the threatened species reported were Spot-billed Pelican (751 in 1994), Lesser Adjutant (up to 15 in 1994) and 456 Black-necked Stork (1 each year); further details in Appendix Va.

Based on reports by Thilo Hoffmann, National Coordinator.

Southeast Asia

OVERVIEW

During the 1994-96 census, counts were received from Brunei Darussalam, Indonesia, Malaysia, Myanmar, the Philippines, Singapore, Thailand and Vietnam. Counts were received from Laos (one site), Papua New Guinea and the Philippines in 1994 only. No counts were received from Cambodia.

Annual coverage in Brunei Darussalam, Indonesia and Singapore was consistent with previous years, while coverage in Myanmar, Malaysia and Thailand declined.

Figures 7 and 8 provide an overview of the numbers of birds and species respectively counted at sites in the region (note: only sites for which locations were provided are

depicted). During the 1994-96 period, Indonesia was the main contributor to the census, followed closely by Singapore.

Of a total of 195 sites covered in the census in Southeast Asia during 1994-96, 18 recorded over 5,000 waterbirds. Of these, Banyuasin Delta in Indonesia, Mong Pai in Myanmar and Beung Boraphet and Bung Cha-Vak in Thailand held at least 20,000 birds (Table 2) and fulfilled the Ramsar criteria. The Banyuasin Delta in southeast Sumatra, with an estimated 76,230 birds, held the maximum count for the region, including those for two threatened species - Milky Stork (220) and Lesser Adjutant (93). As in previous years, the most abundant species recorded in the region during this period were Lesser Whistling Duck, Garganey and Common Coot (Appendix IV).

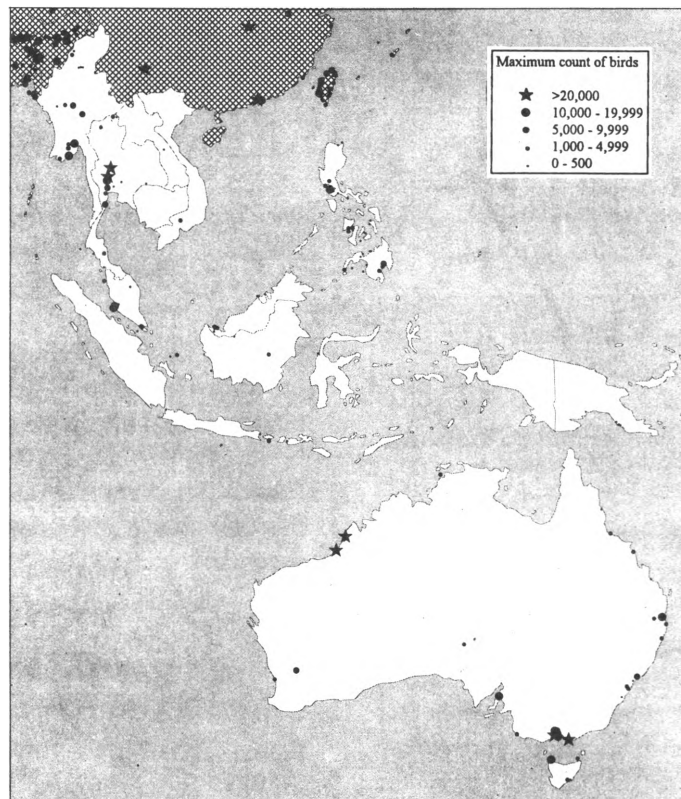


Figure 7: Total number of waterbirds counted at sites in Southeast Asia - Australia covered during the Asian Waterfowl Census 1994-96.

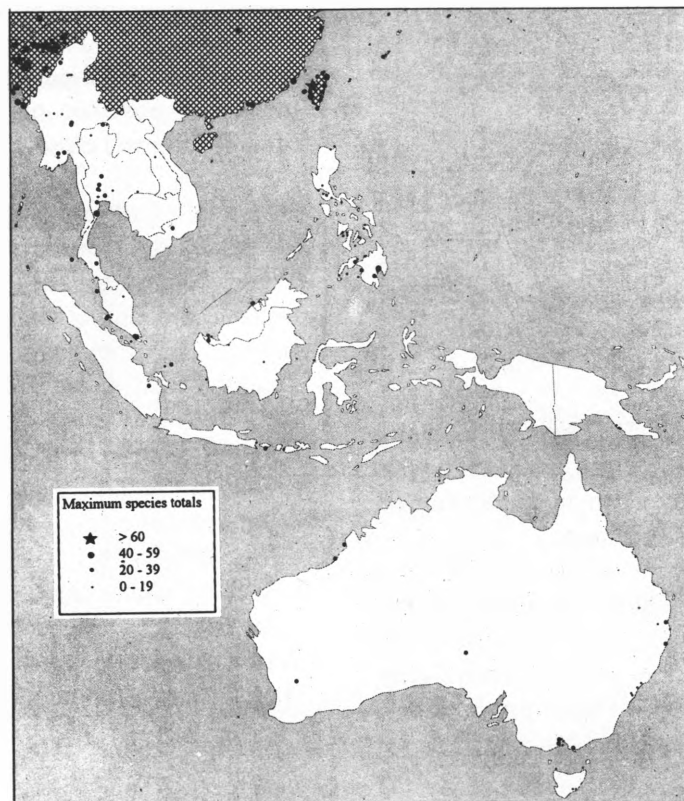


Figure 8: Total number of species counted at sites in Southeast Asia-Australia covered during the Asian Waterfowl Census 1994-96

BRUNEI DARUSSALAM

Coverage in the past three years has been quite consistent in Brunei with the same four sites being counted in all years. Total counts were 610, 448 and 710 birds respectively in 1994, 1995 and 1996, with a maximum 29 species recorded in 1996.

Of the sites counted, Wasan recorded the highest number of birds, i.e. 453 in 1994 but a decline to 241 in 1995 and 162 in 1996 (Appendix III). A factor that may contribute to this decline is the change in the habitat from actively managed to abandoned rice fields, which used to support a wide variety of waterbirds. In addition, the tall vegetation at Wasan, both in the cultivated and non-cultivated areas, restricted viewing and thus complete coverage.

Pacific Golden Plover remained the most abundant species followed by Lesser Sand Plover and Wood Sandpiper (Appendix Vb).

Pollution (3 sites), fishing (2 sites) and excessive growth of vegetation (2 sites) were listed as the main uses and threats reported at these wetlands.

Based on reports by: Mary Seal Coon (coordinator in 1994, 1995) and Victor Stanger (coordinator in 1996).

INDONESIA

A total of 43 different sites were covered in Indonesia during the AWC 1994-96; 16 counted in 1994 and 1996 and 18 in 1995. However, only three sites were covered in all three years.

The maximum number of birds was recorded in 1994 (86,261). Of these, over 88% (76,230

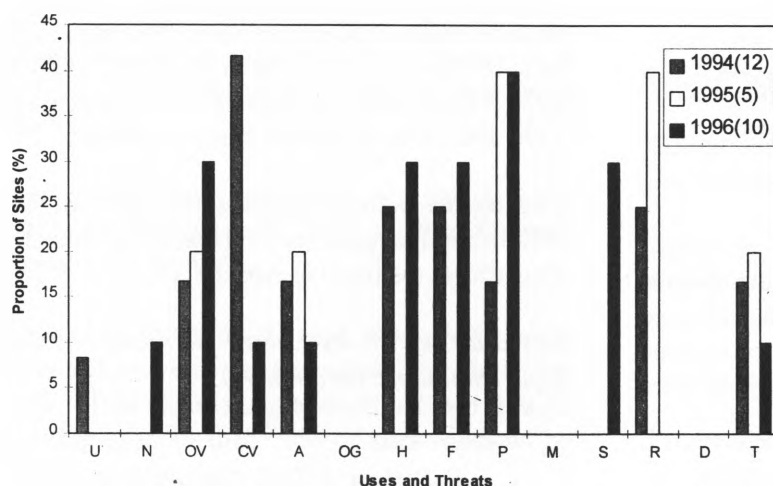
birds) were counted at a single site - Banyuasin Delta, a very large delta system of the Banyuasin and Musi rivers, which has the most extensive mangrove forest in Sumatra (Scott 1989) and qualifies as a Ramsar site. Hunting of birds and cutting/clearance of vegetation continue to be reported as the principal threats to the Banyuasin Delta and it is recommended that this site be given special protection. However, the site was not covered in the following two years, leading to a drop in the numbers of birds reported in Indonesia: 16,557 in 1995 and 11,631 in 1996.

Lesser Sand Plover, Cattle Egret and Crested Tern were the most numerous species counted (Appendix Vb).

A total of eight Storm's Stork were recorded in 1996 from the Danau Sentarum Ramsar site in West Kalimantan, a habitat dominated by freshwater- and peat swamp forest. This is also the first record of this endangered species for the AWC. Of the other threatened storks, a maximum total of 106 Lesser Adjutant were recorded in 1994 while 220 Milky Stork were recorded from their stronghold in the Banyuasin Delta and three other sites in Sumatra and Java.

Pollution, cutting/clearing of vegetation, sedimentation and reclamation were reported to be the major threats (Figure 9). Fishing and hunting of birds were reported to be important activities at 30% of the wetlands.

Based on reports by Yus Rusila Noor, National Coordinator.



Key to uses and threats:

U-unknown; N-None; OV-Overgrowth of vegetation; CV-Cutting and clearance of vegetation; A-Agriculture along dry margins; OG-Overgrazing; H-Hunting/ poaching of birds; F-Fishing; P-Pollution; M-Mining; S-Sedimentation; R-Reclamation; D-Dam/Barrage construction; T-Tourism.

Note: Numbers in brackets refer to number of sites reporting threats in the respective years.

Figure 9: Indonesia - Uses and threats at wetlands covered during the Asian Waterfowl Census 1994-96

LAO PEOPLE'S DEMOCRATIC REPUBLIC

The Nakai Plateau was the only site in the Lao P.D.R. covered during the AWC in 1994; the count was made by T. Evans. No sites were counted in the following two years due to the absence of participants. A total of 416 waterbirds of 15 species were recorded from this freshwater habitat. Twenty Grey-headed Lapwing, a near-threatened species (Collar *et al.* 1994), were recorded at this site.

The census was coordinated by Klaus Berkmüller.

MALAYSIA

A total of 25 sites were covered at least once in Malaysia from 1994-96 (Appendix III), with seven sites being covered in at least two years. However, none of the sites was covered in all three years. The maximum number of waterbirds (30,751) was recorded in 1994. Of this total, over 95% were recorded at two sites: Pulau Tengah (15,949 birds of 27 species) and Kapar Power Station (13,384 birds of 27 species) on the west coast of Peninsular Malaysia. Counts were received for the first time from Sarawak (East Malaysia), with a total of seven sites counted in 1995 and 1996.

The ash ponds of Kapar Power Station are a privately protected area that have become an important high tide roost for waterbirds feeding at Pulau Tengah, therefore the counts from these two sites may be referring to the same group of birds. From 1996 onwards, the cessation of pumping of water into the ponds and construction works at the Station have resulted in a sharp decline in numbers of birds frequenting the site, raising the question of its viability in the future.

The most numerous species counted was Bar-tailed Godwit (4,536), see Appendix Vb. Over 90% of this number was recorded at Pulau Tengah (2,474) and Kapar Power Station (2,042).

Significant records include the sighting of Asian Dowitcher (3) at Buntal Bay and Asajaya/Pendam mudflats in Sarawak in 1995.

The census was coordinated by the Wildlife Department and Wetlands International.

MYANMAR

Coverage in Myanmar exhibited a steep decline in the three years from a total of 14 sites counted in 1994 to three in 1996, due mainly to financial constraints. The three sites covered in 1996 were also covered in 1994 and 1995.

Mong Pai, a large hydroelectric and irrigation reservoir, topped the list in numbers of waterbirds, with 29,313 birds of 30 species reported in 1995 (the only year this site was covered), see Appendix Vb. Moyingyi, a freshwater lake, which frequently supported more than 10,000 waterbirds in the past, supported 7,936 birds in 1994 and 11,466 in 1995 (with coverage of 50-75% in both years). In 1996, a count of 19,534 birds was recorded when more than 75% of the wetland was covered. These two wetlands at least qualify for nomination under the Ramsar listing if Myanmar ratifies the Convention.

Lesser Whistling Duck (17,652) was the most numerous species recorded whereas Ruddy Shelduck (12,708) topped the list in 1994.

The small population of the threatened subspecies of Eastern Sarus Crane *Grus antigone sharpii* continues to survive (nine at Inle Lake in 1994 and three at Moyingyi in 1996) in Myanmar. Further information on its status and conservation needs is required.

Seven endangered White-winged Duck were recorded from Naung Maw Lake in 1995, the first time the species has been reported from Myanmar in several years. With an estimated global population of only 336 individuals and believed to be declining (Collar *et al.* 1994), immediate efforts are needed to assess the size and conservation measures required for this population. Numerous threats have been reported at this site, notably hunting and poaching of birds.

Among other threatened species, Baer's Pochard recorded a low 150 (all at Mong Pai) compared to over 400 birds recorded in the AWC 1992 & 1993. There were no records of this species in 1994 and 1996, as this site was not counted.

The counts were undertaken by staff of the Wildlife and Sanctuaries Division of the Forestry Department (as listed in Appendix I).

Based on reports by U Saw Han and U Thein Lwin (National Coordinators).

PAPUA NEW GUINEA

Having last participated in the census in 1992, counts were received from Papua New Guinea in 1994 only. Public security prevented field visits in 1995 and 1996.

Six sites were covered (Appendix III) and Lea Lea Salt Flats recorded 333 birds of 10 species. Tonda Wildlife Management Area, the only Ramsar site, is not easily accessible and was not covered by the census. Red-necked Stint, Cattle Egret and Purple Swamphen were the three most numerous species counted.

The census was coordinated by Will Glynn and undertaken by members of the Papua New Guinea Bird Society (Appendix I).

PHILIPPINES

The total number of sites covered in the Philippines continued to increase, with 51 counted in 1994 (44 in 1993); see Appendix III. However no data were received from the Philippines in 1995 and 1996.

A total of 59,861 waterbirds of 75 species were recorded (Appendix Vb). With less than 50% coverage, Manila Bay (Cavite Area) recorded the highest count with a total of 10,152 birds. Olango Island, the only Ramsar site, recorded an all time low of only 724 birds.

Kentish Plover and Red-necked Stint were the most abundant species recorded (Appendix Vb). Records of threatened species reported from the Philippines include six endangered Nordmann's Greenshank: five at the Carigan Bay Wetlands and one at Palaui Island in Luzon. A total of 329 Chinese Egret were reported from 12 sites, with a maximum of 80 birds counted at Layasan in the Visayas.

One record worth mentioning is a low count of 54 Asian Dowitcher at Brgy, La Paz, Carmen, Davao (172 in 1993).

Of the 51 wetlands covered, data on the main uses and activities were received from eight sites only. This small sample identified two threats: hunting at more than 70% of sites followed by cutting of vegetation at 37%.

The counts were conducted primarily by staff of the Department of Environment and Natural Resources and members of the Junior Ecologist Movement - Ateneo Birders, a complete listing of whom is included in Appendix I.

Based on a report by Carlo Custodio, National Coordinator.

SINGAPORE

Coverage was quite consistent over the three years: 15 sites covered in both 1994 and 1995 and 13 in 1996. During the period of the census, a total of 20 different sites were covered, with eight sites being covered in all three years (Appendix III).

Sungei Mandai and Sungei Pansua Mudflats reported the highest count for all three years, with a maximum of 2,662 waterbirds of 20 species in 1994.

Pacific Golden Plover, Marsh Sandpiper and Redshank were the most abundant species recorded in the census (Appendix Vb).

Pulau Sakijang Bendera (St John's Island) remained the only site for Sumatran Heron, with three counted in 1995 (previous record of two in 1992), the only year the site was counted.

Information on uses and threats was received in 1994. Several of the important coastal and inland wetland sites are showing the adverse effects of development projects in progress. Sungei Buloh Nature Park is the only site currently protected, and because of its relatively small size can support only roosting birds and a small heronry.

Counts were made by members of the Nature Society (Singapore) Bird Group (Appendix I).

Based on reports by Lim Kim Keang, National Coordinator.

THAILAND

Freshwater wetlands were the focus of the 1994-96 census. Coverage fluctuated from 17 sites in 1994 to a low of five in 1995 (Appendix III). Only one site (Bung Cha-Vak) was covered in all three years.

Two sites, Beung Boraphet and Bung Cha-Vak, recorded >20,000 birds each (Table 2). The highest count of the three years (38,651 birds) was from Bung Cha-Vak in 1994. The important coastal site of Khao Sam Roi Yot National Park consistently reported the highest number of species, although numbers of birds counted declined through the period. This site, among others, is threatened with clearance of vegetation, cattle grazing and trapping of birds.

Lesser Whistling Duck and Northern Pintail remained the most abundant species (Appendix Vb). Two threatened species, Masked Finfoot (1) and Nordmann's Greenshank (4), were recorded at Pak Nam Mangroves in southwest

Thailand in 1994. Other interesting species include 10 Ferruginous Duck and 14 Baer's Pochard in 1996.

The counts were undertaken by volunteers (see Appendix 1) and coordinated by the Royal Forest Department and Phil Round of the Bird Conservation Society of Thailand.

VIETNAM

Counts of two sites were received from Vietnam: Nam Cat-Tien National Park (1,229 birds of 29

species) in 1995 by Nguyen Tran Vy and Truong Quang Tam, and Cam Ranh Bay (1,485 waterbirds of 16 species) in 1996 by Richard Gregory-Smith.

The report of Woolly-necked Stork (40) and Lesser Adjutant (34) from the Nam Cat-Tien National Park is indicative of the importance of the park for threatened species.

There is a need to encourage further participation in the AWC from Vietnam.

East Asia (excluding eastern Russia/Mongolia)

OVERVIEW

All the countries in East Asia undertook the census during the 1994-96 with the exception of the Democratic People's Republic of Korea and Mongolia, which has not participated since 1990.

Coverage in the Republic of Korea and Taiwan increased while in Hong Kong it remained stable. Japan was the main contributor to the census. Figures 10 and 11 provide an overview of the numbers of birds and species respectively counted at sites in the region (note: only sites for which locations were provided are depicted).

Of a total of 159 sites covered in the census in East Asia during 1994-96, 67 recorded over 5,000 waterbirds. Of these, 29 held at least 20,000 birds (Table 2) and fulfilled the Ramsar criteria, with East Dongting Lake in China and Izunuma in Japan being the only two Ramsar sites to be included in this list. The maximum numbers of birds were at Shiokawa Tideland in Japan and Yancheng Nature Reserve in China.

The most abundant species recorded in the region during this period were Pochard, Greater Scaup and Mallard (Appendix IV).

The fish ponds and wetlands of Tseng-Wen Chi in Taiwan remain the major site in the region for the critically threatened Black-faced Spoonbill. Development plans have been proposed for the area and are being opposed by local and national conservation groups. Other conservation priorities for the species in Taiwan and the remainder of its range have been included in the recent action plan (Severinghaus *et al.* 1996).

Annual counts of the endangered Saunders' Gull continue to increase across the range with a maximum of 2,106 birds recorded in 1996 (Appendix IV). A separate census of the species in early 1996 recorded 4,387 individuals (Anon, 1997); this represents a substantial increase in the estimated population of 3,000 (Collar *et al.* 1994).

The annual increase in Baikal Teal numbers counted in the Republic of Korea indicate that previously unrecorded populations are now being censused. Thus it is possible that the species is not as threatened as was once believed. However, the future of the Baikal Teal is closely linked to the conservation of the few sites at which it is recorded during the non-breeding period (and breeding and staging areas) and on a steady food source, which depends on continued rice production.

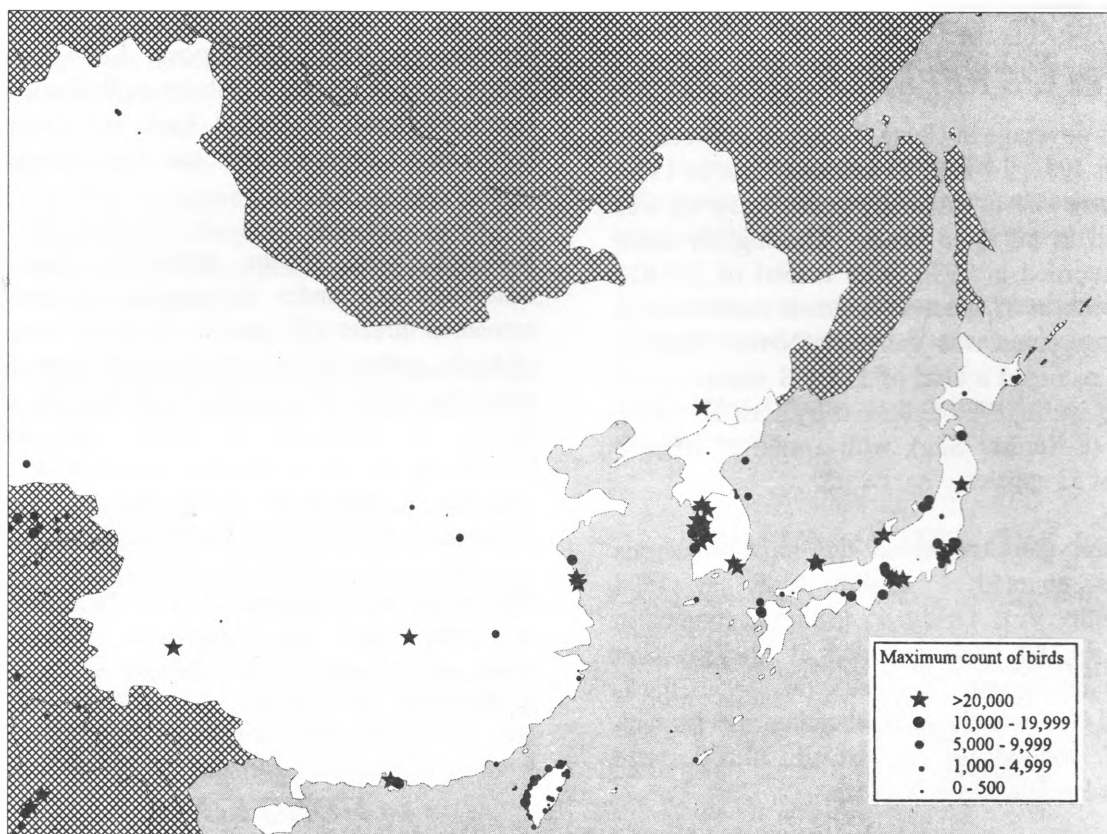


Figure 10: Total number of waterbirds counted at sites in East Asia (excluding eastern Russia/Mongolia) covered during the Asian Waterfowl Census 1994-96

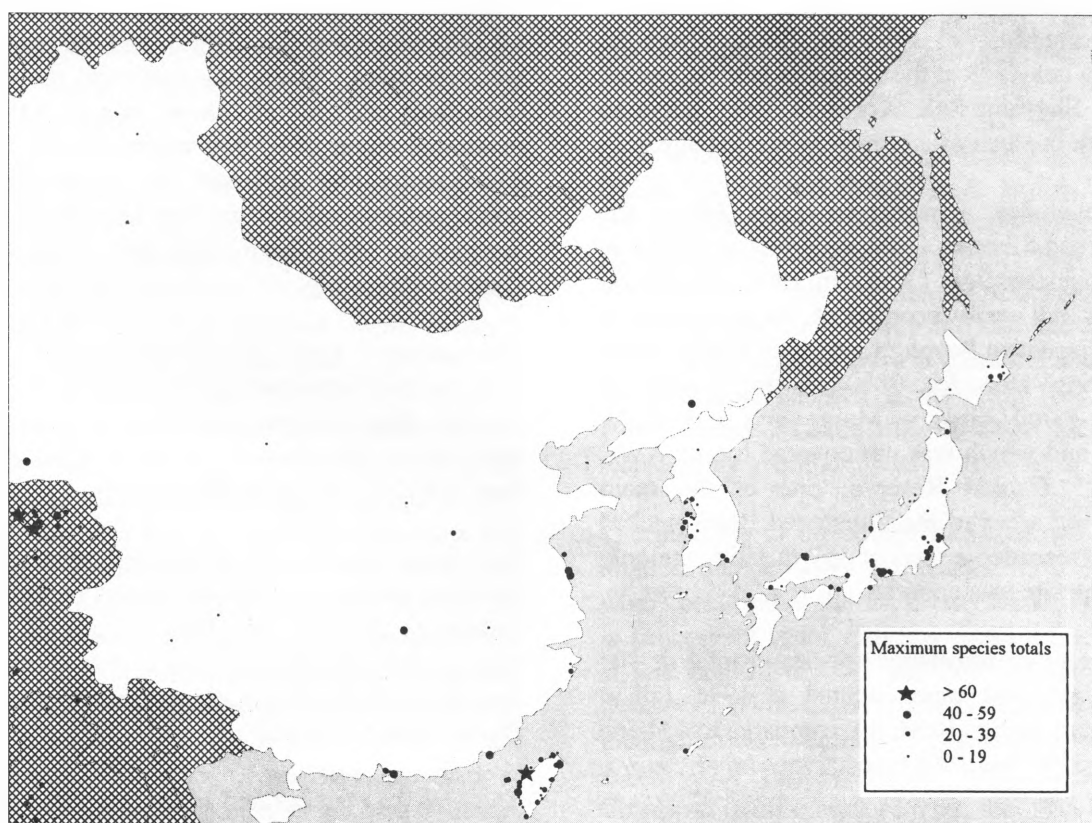


Figure 11: Total number of species counted at sites in East Asia (excluding eastern Russia/Mongolia) covered during the Asian Waterfowl Census 1994-96

PEOPLE'S REPUBLIC OF CHINA

Census coverage in China fluctuated between six sites in 1994, 14 in 1995 and only four in 1996. Only one site (Yancheng Nature Reserve) was covered in all three years. The highest count was recorded in 1996, with a total of 229,812 waterbirds of 83 species. The main contributor to this large count was Yancheng Nature Reserve, which recorded a total of 114,493 waterbirds of 59 species in 1996 followed by East Dongting Lakes (a Ramsar Site), with a total of 102,610 birds of 53 species.

Common Coot remained the most numerous species counted - 45,438 birds in 1994 (Appendix Vc). Of the 45,438 birds counted in 1994, 44,380 were recorded at Sheyang Salt Works in Jiangsu Province. In 1995, Black-headed Gull was the most abundant species with 34,377 individuals, of which 30,000 were reported at Dianchi in Yunnan.

The highest count for the threatened Black-faced Spoonbill was 39, recorded in 1994. Of this total, 26 were recorded from the Futien Reserve, its main wintering area in China. This site was not covered in 1995 and 1996. Records from the Jiangsu coast, 15 at the Dongsha Islands and 22 at the Sheyang Salt Works in 1995, serve to confirm the area as a regular wintering site.

Of the cranes, a maximum count (66) of the threatened Siberian Crane recorded in 1994 can be considered low (1,567 in 1990 and 636 in 1992). All were recorded at Shengjin Lake, a site adjacent to Poyang Lake, which is the main wintering area for 98% of the population (2,900-3,000 birds - Meine and Archibald, 1996) and which was not covered by the AWC 94-96. Caohai Reserve, one of the main wintering areas of the threatened Black-necked Crane, recorded a total of 337 in 1995, the only year the site was counted.

Among other threatened species, a total of 803 Saunders' Gull were counted in 1996, (all at Yancheng Nature Reserve), compared to 634 and 654 in 1995 and 1994 respectively.

Maximum counts of other threatened species during the 1994-96 census were 18 Scaly-sided

Merganser, 7,956 Swan Goose, 1,806 Lesser White-fronted Goose, 3 Dalmatian Pelican, 553 Baer's Pochard, 53 Baikal Teal, 369 Oriental Stork, two Chinese Egret and four Mandarin Duck.

Although most of the important sites for waterbirds are under government protection, numerous threats still prevail. Fishing, hunting of birds, pollution and clearance of vegetation were the most frequently reported uses and threats to wetlands in 1995, and were considered to be a serious problem at the Yancheng Biosphere Reserve. Little information was received for other years.

The census was coordinated by Dr Lu Jian Jian in 1994 and the Wetlands Resources Monitoring Centre of the Ministry of Forestry in 1996.

HONG KONG

Census coverage in Hong Kong was quite consistent (Appendix III). A total of five sites were covered at least once and three sites were covered in all three years. A maximum total of 69,328 waterbirds (in 1996) and 66 species were recorded. Deep Bay remained the most important site in all three years, with a maximum count of 67,910 waterbirds in 1996. The results are discussed for Deep Bay - combined, by consolidating the 15 or more sub-sections of the Deep Bay area that were counted separately.

Black-headed Gull and Green-winged Teal were the most abundant species (Appendix Vc). Among other species, there was a continued increase in the number of Great Cormorant from 3,820 in 1994 to 8,079 in 1996.

Maximum counts of threatened waterbirds recorded during the 1994-96 census include 23 Dalmatian Pelican, one Baer's Pochard, one Spoon-billed Sandpiper, one Baikal Teal, 82 Saunders' Gull, four Oriental Stork and 72 Black-faced Spoonbill.

The Mai Po Marshes and Inner Deep Bay were declared a Ramsar site in 1995 in recognition of their value for waterbirds. All the habitat

surrounding Deep Bay was reported to be under pressure from development and pollution. Fish ponds are being filled and housing developments proposed or built; planned training of the Shenzhen River may directly affect the ecology of Deep Bay. Cooperation between Mai Po and Fu Tian Reserve, People's Republic of China, continues to strengthen, and even closer ties are hoped for in the future.

The counts were undertaken by members of the Hong Kong Bird Watchers' Society (Appendix I).

Based on reports by G.J. Carey, National Coordinator.

JAPAN

AWC coverage in Japan has been fairly consistent with 50 sites in 1994, 44 in 1995 and 46 in 1996. Forty sites were covered in all three years.

Shiokawa tideland recorded a total of 170,152 birds of 41 species in 1996 (Appendix III), which was the highest count in Japan for the three years (1995 - 6,725; 1994 - 6,879). Seven of Japan's 10 Ramsar sites were covered in one or more years; Sagata held the highest number of birds (14,644 in 1994).

Greater Scaup was the most abundant species counted in 1996 (305,642, of which 16,000 were recorded at Shiokawa tideland), and 1994 (151,628); see Appendix Vc for details. A total of 88,449 Common Pochard were counted, making it the most abundant species in 1995.

Among the threatened species, numbers of Red-crowned Crane recorded in Hokkaido during the census declined from a maximum of 340 in 1994 to 328 in 1995 and 301 in 1996. However, this apparent decline is due to count incomplete coverage, as the population is on the increase (H. Masatomi pers. comm.). The population of White-naped Crane remained quite consistent, with 1,852 birds reported in 1994, 1,927 in 1995 and 1,892 in 1996. The only record of the endangered Siberian Crane was received in 1995, with a sighting of a single bird at Izumi. Black-faced Spoonbill exhibited an increasing trend, from two individuals recorded in 1994 to

11 in 1995 and 19 in 1996. A total of 53 Saunders' Gull were recorded in 1996 compared to 22 in 1995 and 33 in 1994.

The count forms used in Japan do not request information on uses and threats therefore no data are available.

The census was undertaken by members of the Japan Wetlands Network (Jawan) - (Appendix I).

Prof. Akira Uritani coordinated the census in all three years.

REPUBLIC OF KOREA

Census coverage in Korea increased from 10 sites in 1994 and 23 in 1995 to 26 sites in 1996; three sites were covered in all three years. The highest count was recorded in 1995, with 405,039 birds of 59 species. A list of participants is provided in Appendix I.

Chonsu Lake recorded a total of 171,988 birds of 33 species in 1995 making it the site supporting the highest number of waterbirds overall (Appendix III). The Kum River recorded a total of 74,120 birds of 24 species in 1995. However, this important wetland is also reported to be threatened by poaching.

Sapkyo Lake, discovered as an important site for Baikal Teal in 1993 (Mundkur & Taylor, 1993), recorded a total of 20,000 of this species in 1994. However, no records of Baikal Teal were obtained from this site in the following two years. In 1995, more than 60% of the 55,000 Baikal Teal recorded were at Chonsu Lake, with the remaining counted at the Kum River. In 1996 Chonsu Lake and Nonsan Reservoir recorded the maximum numbers of Baikal Teal.

The numbers of threatened Red-crowned Crane totalled 339 in 1994 (Appendix Vc), 338 of which occurred at the Ch'olwon Basin. Counts in subsequent years, however, were much lower at this site; 20 in 1995 and 269 in 1996. The number of White-naped Crane (530) in 1996 was the highest ever recorded in South Korea for the AWC. Of this total, 367 were sighted at Ch'olwon Basin and 155 at the Han River Estuary.

Among other threatened species, Swan Goose numbers varied considerably between years (Appendix Vc). In 1995, 589 Swan Goose were recorded, of which 533 were at the Han River Estuary. The 1996 total dropped to 89, with only 23 at the Han River Estuary (even though total numbers of birds had increased). The sites that held the species in 1995 and 1996 were not covered in 1994.

Little useful information on uses and threats to sites can be identified as very few forms were completed each year.

Prof. Won Pyong Oh coordinated the census in all three years.

TAIWAN

AWC coverage in Taiwan remained broadly consistent: 33 sites in 1994, 30 in 1995 and a high of 38 sites in 1996. A total of 23 wetlands were covered in all three years. The maximum number (102,776) of waterbirds was recorded in 1996.

Szu-tsao, a coastal mudflat on the southwest of Taiwan, recorded the highest count with 16,681 birds of 48 species in 1996 over the 3-year period. A total of 249 Black-faced Spoonbill were counted in 1996. Of this total, 246 were recorded at Tseng-wen Chi, the single most important site of this species. Due to the efforts of the Chinese Wild Bird Federation (formerly Wild Bird Society - ROC) and other conservation

groups, the plan to develop an industrial area at this site is being reviewed. Currently, all the conservation groups are trying to establish a sanctuary for this critical species through legislation.

A substantial proportion of the threatened Saunders' Gull population were reported in Taiwan (world population is estimated at 3,000, Collar *et al.* 1994). In 1996, of the 1,052 individuals reported from Taiwan, 600 birds were counted at Han Pao, a mudflat on the west coast (while only 16 were counted here in 1995). Ta-tu Hsi also held significant numbers of Saunders' Gull each year (385 in 1994, 316 in 1995 and 182 in 1996). Other threatened species recorded during the census include Nordmann's Greenshank, Oriental Stork, Chinese Egret, Scaly-sided Merganser, Baer's Pochard, Baikal Teal and Swan Goose (details in Appendix Vc).

Fishing, pollution and reclamation were identified as the main uses and threats at wetlands in Taiwan (Figure 12). Important wetlands (Table 2) such as She-tzu, Ku-liao and Ta-tu-hsi were reported to be subject to pollution by domestic sewage and solid waste.

The counts were undertaken by members of the Chinese Wild Bird Federation and local Wild Bird societies (Appendix I).

Based on reports by Dr Woei-horng Fang, Coordinator.

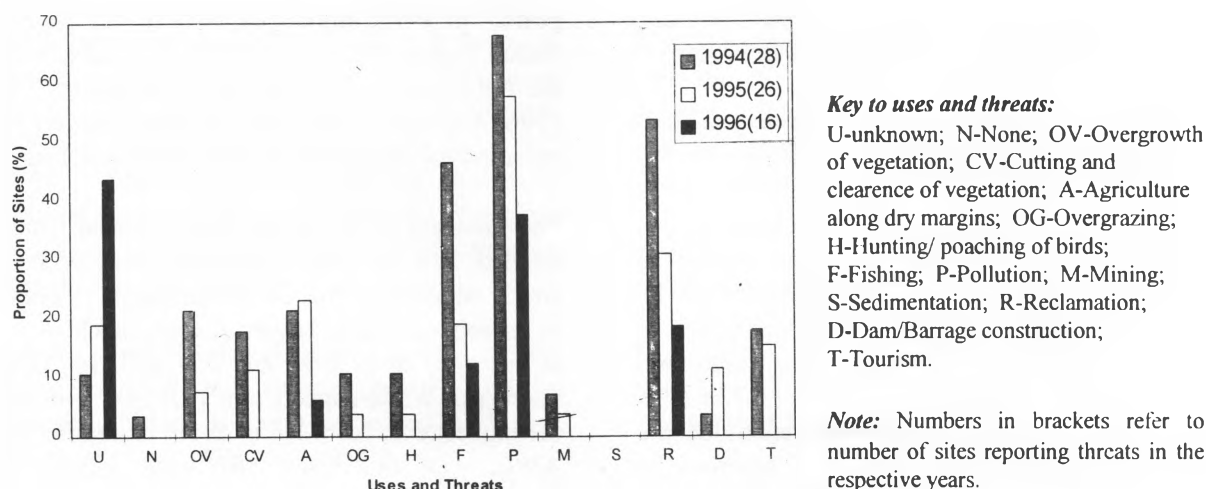


Figure 12: Taiwan - Uses and threats at wetlands covered during the Asian Waterfowl Census 1994-96

Australia

As in previous years, only shorebird counts were received from Australia. The numbers of sites surveyed varied: 21 in 1994, 31 in 1995 and 28 in 1996 (Appendix VII). An increase in the number of sites being covered and improved coverage have been made possible by the appointment of regional coordinators to coordinate counts.

Eighty-mile Beach in Northwestern Australia recorded the highest count, with a total of 141,340 birds in 1996, a marked increase from 43,260 shorebirds in 1995 and 38,508 in 1994.

This dramatic increase has been attributed to a greater coverage and additional, more experienced counters taking part.

The most abundant species recorded in Australia varied in the three years, with Bar-tailed Godwit, Red-necked Stint and Great Knot topping the lists (see Appendix VIII).

Based on reports by Ken Harris, Coordinator of the Australasian Wader Studies Group Shorebird Monitoring Project.

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APPENDIX I

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- Notes: ¹ Every attempt has been made to get typed lists of participants from coordinators in order to avoid missing any participants or making any spelling mistakes. We apologize for any errors and omissions.
- ² In some cases, name of clubs or associations are provided rather than names of people, so all the participants of the club are not listed.
- ³ Names received on some forms are illegible and/or incomplete. Unfortunately not all these names can be included.

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APPENDIX III

Site totals of birds and species counted during the Asian Waterfowl Census 1994-96

Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
SOUTH ASIA												
BANGLADESH												
Barisal												
Char Dighal	828	15	W				611	15	W	H		0
Shonar Char	4341	17	W				2330	21	X	FH		0
Bhola												
Char Jamir							5065	14	X			0
Char Kukrimukri	1048	24	W				376	16	W	0		
Char Manik							378	4	X			0
Char Rowshan							3116	21	X			0
Dhal Char East	150	7	W				600	9	X	0		0
Dhal Char Main	367	6	W							0		
Kachhapia				429	7	V	3620	21	W		0	6
Member Char							572	6	X			0
Central Coastal Region												
Bayer Char				1991	26	W	996	11	W		H	
Char Bari							912	14	W			0
Nogila Char							6360	12	W			0
Central Region												
Kaliganga River				1360	21	V					0	
Chittagong												
Char Bhata				1032	14	W	830	10	Y		2G	0
Mahesh Khali Island	4450	47	W							4FH		
Saint Martin's Island				686	26	W					0	
Shahpuri Dweep				599	9	V					0	
Shilkhal							2271	30	Y			0
Sonadia Island	4794	28	W							H		
Teknaf							1231	25	X			L
Urir Char	2720	21	W							H		
Whykeong	2908	45	W	1342	14	W	8714	42	W	4H		4
Cox's Bazaar												
Cox's Bazaar							1961	13	Y			L
Himchari							1298	21	Y			L
Jaliapara				1571	15	W					0	
Jilanj				220	8	W					0	
Kutubdia Island	1213	27										
Dhaka												
Mirpur Zoological Garden	4518	14	Z	3119	10	Y	1721	9	Y	L		0
Shibaloy, Kamalapur, Bhumiheen Chars	2407	24	W	364	20	V	4017	44	W	6F	2FH	0
Fenchuganj												
Haor Khal	8851	36	Y							467F		
Hatiya												
Char Bahauddin	4893	12	W	4471	31	W	10852	40	X	0	0	0
Char Mukteria				580	4	V	1977	8	X		0	0
Char Nurul Islam	0	0	Z	0	0	X				N	H	
Char Piya	373	9	W	172	18	W				N	3	
Char Tania	7934	17	W	447	4	W				0	0	
Dhal Char-I	768	9	W							0		
Ghasiar Char				700	13	W	1183	16	W			3
Jonak Char				1278	14	W	3611	16	X		0	0
Maulavir Char	55	4	W	2110	11	X	2679	11	W	N	7	0
Nijhum Dweep (Char Kamala)	2495	13	W	2167	29	W	8542	26	X	G		0
Nijhum Dweep (Char Osman)	5478	22	W				3539	28	X	6H		0
West Hatiya	1467	8	W							67		

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	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Khulna												
Hiron Point							2481	26	X			0
Lalmohan												
Deola Nadir Char	170	3	W							0		
Maulvibazar												
Hail Haor				1663	19	W	8875	50	W		26H	0
Monpura												
Char Badna	905	16	W							0		
Char Palila	4418	15	W							0		
Char Peal	930	9	W							0		
Dhal Char				2288	28	X	7878	28	X		3	0
Jangalia	698	8	W							0		
Kalkiny Char	878	12	W				4400	5	X	0		0
Monpura, West Coast	705	10	W							0		
Munshiganj												
Kalir Char	1847	28	Y							6F		
North East												
Kanamaya Beel				2135	13	W					2	
Medol Haor	3895	48	W									
North West Region												
Bhuapur							7741	42	W			0
Sandweep												
North West Sandweep	991	13	W							H		
Savar												
Jahangir Nagar University	853	7	Y	1425	6	X				4	0	
Sundarbans												
Kachikhali							1411	26	X			0
Katka							2354	46	X			0
Mandarbari							214	8	X			0
Nilkamal							1599	37	X			0
Tikona							478	9	X			0
Sylhet												
Balir Gang							576	7	W			0
Bara Haor	4420	44	W	750	8	W				24FH	47	
Hakaluki Haor	21765	29	X	18068	35	W	32145	54	W	46H	46H	0
Matian Haor(Incl Bara, Banuar & Palair	4093	16	W	6690	9	W	6610	11	W	4H		0
Pasua Haor	172093	53	Z				76490	61	Y	67FH		0
Surma River: Sunamganj - Someswari				174	8						0	
Tangua Haor Complex (About 9 Bils)	34925	38	Y	37597	36	W	60800	63	W	246F	46F	0
Tahirpur												
Banuar Haor	6812	25	W	7797	17	W	4909	24	W	4F	46F	0
Halir Haor	6638	34	W	6935	29	W				46F	0	
Pana Beel	1907	9	Y	1746	17	X	12632	20	W	46H	6H	0
Sanir Haor	19389	44	W				32300	30	W	46FH		0
Teknaf												
Badar Mokam				657	6	V					0	
Nijhum Dweep West Coast												
Pashua Beel				57410	34	X	1962	15	W			0
Ramachran (Jahazmara)							3715	13	W			0
INDIA												
Andamans												
Parnasala							0	0				

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Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Hanspuri							347	13				
Mohanpur							62	7				FG
North Reef Island Sanctuary							247	11	V			F
Henry Lawrence Island							1	1	V			FG
John Lawrence Island							121	3	B			F
Photonala, Rutland Island							273	14				FG
Red Skin Islands							1	1				F
Andhra Pradesh												
Alluru Tank				7725	15							
Anantha Sagar	172	22		397	36	Z						
Appapuram	522	12	Y	77	8	Z	129	8	Z	FG	F	7FG
Aruru				609	10							
Bachpalli							102	12				OI
Bahuda River Project	84	2	Z	7	2		25	3	Z	H	467HI	2F
Bapatla Shore Poguru	1395	16	Y							67FG		
Bhadrakali				5818	23	W					68	
Chinna Kanjarla							83	6				
Chinnatippa Samudram	307	15	Z	1979	14	Y	1247	11	X	0	67G	6F
Chunduru (Bunduru)	116	13	Y	64	5	Y	17	9	Y	3F	4F	3F
Coringa Wildlife Sanctuary							16975	53	W			
Damara Cheruvu	91	8	Z							67G		
Devarakadara				1023	22	W					467	
Devuni Cuddapah Tank(Cheruvu)							279	14	W			46FG
Dundigal Lake	470	25	W									
Durgama Tank, Madapur Village							157	14	Y			
Edulabad	1541	19	W	3054	12	X				68AG	0ACGK	
Enkiryal Lake							1637	42	Y			48FG
Fox Sagar Lake	122	12	W									
Gosamudram Tank				447	4	Y					678FGI	
Gudur Tank	1056	15		3296	6		3510	16	Z	68FG		
Hayatnagar Cheruvu				285	10	X					67G	
Hussain Sagar							5010	29				34589C
Icrisat Campus (Patancheru)	1661	42	X	2772	37	X	2601	30	X	EH	4AG	23AG
Inkriyal	2242	12	W	1970	22	X				4678	3678G	
Jannaladarra (Krishna Delta Mangroves)	15525	21	Y							4M		
Kambalpalli Cheruvu	15	2	X							0		
Katakshapur Tank (Katakshapur)	1951	7	Y	366	4	X				678G	67F	
Kesavaram Tank	210	8		962	10					FG		
Koilsagar Reservoir				1042	16	W					2467C	
Kolleru Lake							26062	28	V			679CD
Kotapally Vasu	219	28	X	296	30	W						
Madannapet Cheruvu	17967	12	X	8389	10	W				6		
Maganur Tank: Mahabub Nagar	1071	28	X	1390	37	X	1388	37	X	2	2	2G
Mahaboob Sagar				530	29	Z						
Makhthal Lake	252	17	X	372	13	Z	730	27	X	2FG		2
Malkapur Tank				233	26	W						
Mamidi Cheruvu							359	31	Z			6I
Manair Project	4012	29	Y	606	17	V				67G	67FGH	
Mangaram Cheruvu				446	7	X					367	
Manjira Reservoir							24788	34				4
Mantur Tank: Singoor	1418	35	Y	1374	39					FH		
Mathankodu Cheruvu				224	6	X					467	
Miyapur							314	15	Z			257
Mulapalem Village	87	10	Y									
Musi Dam				55	7	W	1976	24	W		27FG	78H
Nacharam Cheruvu				2778	10	X					238AI	
Nalla Cheruvu, Uppal				1890	16	X					3678A	
Nandalur Tank	1053	31	W							2467		
Nandikandi Cheruvu				0	0	Z	0	0	Z		67	6
Nellapattu Pelicanry/Sanctuary/Tank	1889	18	Z	3061	21		5015	32		0		
Ojili Tank				177	11		455	14				
Pakhal Lake	51	16	X							7G		
Palair Reservoir				0	0	V					67H	
Palmakol Lake	4158	20	X				2096	13		67F		46A
Patha Guddapah Charavu	178	10	W	250	9	W				6F	46FG	

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Pennaki Tank				439	9						FGK	
Perali Poguru				1416	11	Y	3389	20	Y		67FH	7CDFG
Pocharam	8803	24	X	0	0	V				467G	67FH	
Pulicat Lake (Pulicat Bird Sanctuary)	46799	25	X	38580	26		47496	31	Z	EH		IL
Ragi Tank				297	8							
Raigir Lake	120	15	W									
Ramana Tank							5401	22				
Ravirala Tank	260	3	Z				162	16	Z	6		6G
Returu Village	267	13	Y	565	13	Z	50	10	Z	1		4
Rishi Valley Percolation Tank	241	11	Z	155	12	Z	86	6	Z	1	2	1
Sangareddy Tank	385	25	Y									
Shamirpet Lake	521	20										
Sriharikota Island	439	19	W							G		
Tammadi Tank, Khanamet Village							96	12	Z			
University Of Hyderabad Lake				208	15	Z	192	20	Z		1	F
Uppal Tank							482	9				
Uppalapadu Water Tank	254	15	Y	1266	6	Z				4GI	4FHI	
Varagali							340	7				
Vedurapattu				443	8		994	14				
Venkata Cheruvu				183	8	Z	74	7	Z		67	67
Vontimitta Tank	7944	18	W							2678		
Yelchuru							431	13	X			6FG
Yellareddi Cheruvu	2508	16	X	1126	16	X				67G	3567F	
Arunachal Pradesh												
D. Ering Memorial Wildlife Sanctuary	2923	29	Y							FH		
Glaio Lake & Kamlang River	21	2	W							6G		
Assam												
Aie River							155	13	Y			FG
Athai Sagar (Purani Pukhuri)	345	18	Y							5G		
Bandh	450	8	Z							25FH		
Bhosmari Lake							185	7	Y			6G
Bogi Dubha & Mongla Duba							137	10	W			FG
Boralimari	3389	36	Z									
Bordoibam	805	21	Y							9CDH		
Burachapari	2450	12	X							7FH		
Chandubi Beel							2409	20	X			3FGL
Dakra Beel				4451	39	Y					23456F	
Daukijhar Lake							48	7	X			37G
Deepor Beel	18343	41	Y	6486	30	X	12370	44	X	234A	67FG	23567A
Dhir Beel	19828	43	Y	26433	43		7102	41	X	46H	246FH	6H
Dibru-Saikhowa Ws. (Dibru River-Guijan to Rongmola)							1082	54	X			2G
Digholi Beel	11234	42	Z				7864	57		2367		23567F
Diplai	3224	37								4H		
Gaurisagar Tank	954	21	Y				3373	22	Z	6		1
Hatimutra Beel	297	10	Z				321	10	Y	36FG		36G
Hatisuria Beel	629	12	Z				288	15	Z	267H		678G
Jaysagar Tank	914	10	Y				517	10	Z		0G	
Jengdia Beel							1804	23	W			36FH
Kamranga Beel	119	17	X				207	15	X	67FG		FH
Kapla Beel	1833	19	Y	1075	33	W				2356	3FH	
Kawimari No. 1	3943	40					2454	39		2367		567FHK
Kaziranga National Park	12266	58	Y				12518	67	X	3		23L
Koabari Doloni Abhayaranya	1355	26	X				1556	37		467F		245FH
Laokhowa Wls							1421	36	Z			23
Maguri Beel							1279	22	X			2C
Majuli River Island	1700	26	V							G		
Mer Beel				2848	32						3BFG	
Misamari Beel	16045	50	Z				7373	64	Z	56FH		367FH
Na Pukhuri	226	15	Z				3551	35	Z	27H		0
Nameri Wildlife Sanctuary	357	9	Y				5439	44	W	FHL		7G
Nowjan							3177	40				
Orang Ws (Satsimolu Silgni Rankong	534	20	Z				3655	54		23		23L
Pabitara Wildlife Sanctuary	12488	52	Y	19361	67		11207	56	Y	27H		

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Panidihing	7255	35	X				6213	36	Y	367F		467FHI
Purani Pukhuri							207	11	Z			FH
Roumari Beel (Laokhowa Wls)							410	21	W			7FH
Rupahi Pathar	1769	18	X				2133	30	Z	6G		67H
Samguri Beel	3964	10					7660	19	Z	35H		246H
Saraloni							1441	23	Z			467FH
Sareswar Beel	893	35					10087	40	W			3FH
Sibsagar Tank	904	10	Y				850	9	Z	0		
Tamraga Konora Beel Complex	1961	15	Y				823	8	X	6FH		H
Bihar												
Baghar Bill							2328	9	X			0
Berhale Lake (Udhuwa Lake Bird							414	24	Y			234567
Diara Land Near Bridge Site-Subsite D1-	494	21	V				563	20	W	2367		7CDFH
Gogabil Pakshi Vihar							2648	10	X			245679
Kawar Lake Bird Sanctuary							11453	17	W			23458F
Kusheshwarthan Bird Sanctuary							3252	11	W			24569F
Nagi Dam Bird Sanctuary							4966	21	Y			259FHK
Nakti Dam Bird Sanctuary							2539	18	Y			259FHK
Pataura Lake (Udhuwa)	2542	31	Z				4308	34	Z	2356		25689C
Patratur Thermal Water Reservoir	12749	23	Z									
Simurtala Lake	890	16	Z							356C		
Delhi												
Yamuna River: Okhla Barrage (New)	903	35		22067	61							
Goa												
Carambolim Tank	9485	29	Y							FGIK		
Gujarat												
Advana Dam				7744	10	X					6	
Airport Lakes, Surat (6 Lakes)							58	7	Z			
Aji-I	1103	19	X	744	13	X	162	17	Y	6HL		
Aji-II	1146	28	X	1468	23	X	1889	34	X	36H		368H
Ajwa				254	3	V	5375	26	X		KL	
Akali Tank							588	37	Y			0
Alansagar Lake				1147	32	Z	1780	40	Z		H	H
Alina Tank	566	21	Z							038G		
Amipur Tank	47198	16	Y	14420	29	W				7G	467F	
Amli Dam				510	8	X	2339	10	W		4GK	FHK
Anil Starch Marsh, New Port Road	209	22	Z							7A		
Arambda Salt Works				579	19	X					1G	
Bakor Village Tank	176	15	Y									
Barbodhan Lake							166	11	Z			3
Bhadar Dam	695	9	V							6		
Bhanderaj	3814	34	Z							F		
Bhavpar (Khari)	1004	29	Y	262	14	X				FK		
Bhimsar Tank (Anjar)	109	13	Z				73	11	Z	36		23
Bhimsar Tank (Nakhatrana)	75	15	Z	60	8	Z	119	21	Z		3	37
Bhukhi Reservoir	161	8	Z				188	10	Z			2
Bhumbhli Pond; Bhumbhli Via Gogha				39	3	Z						
Bigri Mudflats				11990	56	W	6559	78	X		AFH	AFH
Bordi Village Tank	99	21	Z							038		
Boriyani Village Pond	195	21	Z							3G		
Brahmani Dam	2815	19	Z	312	11	Y				H	37	
Chandala Pond; Via Ghogha				149	10	Z						
Charadava	15	2	Z									
Charadwa				511	4	Z	634	28	W			
Charakla Saltworks				4199	25	X					1G	
Chhanasara Dam	0	0	Y							H		
Chhari - Dhandh	2000	1	Z	50900	35	W					H	
Chhatardi Tank	66	14	Z	486	16		14	4	Z	23L	3I	238
Chitersumba Village Tank	91	15	Z							08G		
Chitral Village Tank	86	10	Z							0		
Dabka							215	7	X			FAG
Dahisara Village Tank	146	21		70	14	Z	83	18	Z		3	23

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Daloli	1141	28	Z							G		
Dantlwada Dam	2271	24	V							H		
Demi-I	0	0	Z	1018	11	Y				6	6	
Demi-II Dam	104	15	Z	1279	19	Y					37	
Devisar	105	18	Z	1643	23	X	709	22		23	3	237
Devki Galol Dam	123	8	Y									
Dhansura Tank	228	11	Y							8		
Dharoi	362	4	V							6H		
Dharoidam Babsar	8382	10	V							6H		
Dholi Dhaja Dam	127	11	Z									
Dhonsaa Jheel				1479	12	Z	395	25	Z		3L	23467
Don Reservoir	351	27	Z	2	2	V	528	17	Y	6GL	6G	6
Doswada	1595	8	Y	250	9	X	816	12	X	6FGK	K	
Fadvel Lake	1974	59	Z	1191	52	Z				36G	36	
Fansa Talav							505	13				
Fuljar Reservoir							641	16	Y			6
Gajarawadi Sewage				127	8		570	16	W		348	48
Gambhira Mahi Bridge	838	18	Y							0		
Ganga Creek	36	12	Z	39	13	Z	60	14	Z	G	2G	7
Gangasar	417	30	Y							8		
Garamadi Dam	0	0	Y							H		
Garmala	474	18	Z							0		
Gaurishanker Lake	1678	83	Y	1998	36	Y	1285	24	X	8CH	67G	7L
Gavner Lake	468	9	Z	24	4	Z	366	9	Z			
Ghodadhroi Reservoir	239	13	Z	42	3	X						
Gobarapura	2950	16	Z							03FG		
Goblaj	107	14	Z							6		
Gogha Salt Pans, Bhavnagar							1056	52	W			
Gondali Dam	596	8	W				205	16	Y	G		G
Halwad Pond	251	10	Z	348	9	X						
Hamirsar Tank	13	2	Z	58	6	Z	395	26	Z	L	L	
Hanumanpura Lake							73	9	Z			
Harni Pond				194	15	Y	323	25	Y		8	458F
Hathab (Via Koliyak) - Sea Shore				5059	19	Y	7221	19	W			7AC
Hathmati Reservoir	493	4	V							6H		
Heranj	2118	37	Z							G		
Hiran-II	290	9	X									
Ipcl Water Effluent Pond							19	9	Z			AL
Ishwaria Lake	45	1	W	538	33	Y					2	
Jagdesan Tank	223	24	Z							0		
Jagdesan Tank	25	6	Y							0		
Jamwada Dam	238	19								H		
Jawla (Temple Tank)				335	14	X	346	24	Z		36	6
Jeenaj Village Pond	186	18	Z							0		
Kadana Dam, Andhari Village	457	9								6F		
Kanajari Village Pond	156	18	Z							0		
Kanewal	23028	48								FH		
Karachiya Irrigation Tank				164	9		108	20	Z		6GK	6
Karmal Dam	2392	17	X	147	8	Y						
Kevdi Dam	105	7	Y	51	3	X	433	8	Y		K	
Khanpaliya & Vadadhari Pond				59	4	X						
Khansul Village Pond	85	10	Z							0		
Khara Talav, Khara Devia	799	6	Y									
Khari Reservoir	1939	16	Z	1107	20	Y						
Khatri Pond	111	13	Z	6	3	Z	106	14	Z	L		
Khijadiya Bird Sanctuary							1532	30	W			A
Khirjog & Vakrio (West Banni Area)				30286	22	V					3G	
Khodiar Dam (Amreli)				193	17	X						
Kiu Point				249	13	X					AG	
Koliak (Bhavnagar Dish) - Seashore				2188	10	Y	513	15	W			7AC
Korda Sandher	33320	23	X							FH		
Kothavi Village Pond	109	15	Z							0H		
Kribhco Lake	324	11	Y	75	11	Y	661	10	Y	7AF	A	7A
Krishnakunj Lake	0	0	Z	164	20	X	463	15	Y		3L	7I
Kukma Village Tank	318	20	Z	65	10	Z	227	23	Z	3	3	234
Kuvadwa							367	29	Y			6

APPENDIX III

Site totals of birds and species counted during the Asian Waterfowl Census 1994-96

Region/Name	1994			1995			1996			Threats/Uses ¹		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Lair Reservoir	216	24	Z	558	19	Z	243	14	Z	2	2	678
Lakhi Dam	731	8	Y	788	12	X	1895	18	Y	6FK		
Lakhnka Irrigation Dam				228	10		122	12	Y		6K	
Lakhota Lake							2859	30	X			89ACG
Lalpari Reservoir	1093	38	Z	257	18	Y	1215	23	Y		16	26
Lambvel Sewage	3457	28	Z							38		
Layja Creek				11	4	W					2G	
Limbdi Pond				1056	12	Z					G	
Lodra Sandher	75	1	Y							2G		
Machhiyel	21	5	Z							08		
Machhu-I	781	6	X									
Machhu-II	2253	24	Z	881	7	X					G	
Madhiya:Seashore							2240	21	X			
Mahasar	979	34	Z	1024	24		275	27	Z	0		8G
Mahi River Estuary				3134	4		288	9	W			AG
Malav	688	30	Z							0		
Mansar Pond				17	7	Z						
Mazum Reservoir	732	7	V									
Meghal Dam	1113	17	X	4549	22	Z					6	
Mingal Tank	0	0	Z							3		
Mitana Reservoir	13	5	Z	332	9	Y						
Moldi Pond				1220	7	Y						
Muhamadpura							199	11	X			A
Muli Dam	94	11	Z	312	11	X						
Muuralia Irrigation Tank	426	15	Y							6FH		
Muval Reservoir				594	15		106	10	Z		678GF	67CDF
Nagarala Pond	103	15								6		
Naghrama	2761	32	Z							G		
Naika - I+D507	804	20	Z							A		
Nakti Creek (New Kandla)	557	19	W	771	18	X	1277	18	W		28A	28A
Nal Sarovar	116028	32	V	4212	13	X				FHL	3GL	
Nanda Bet Ner Village, Adesar	66	12	Y							FH		
Narara Head	820	12		3130	39	X					G	
Narda Tank	1350	25	Z							3		
Narsanda Village Pond	87	16	Z							8		
Nava Talao (Village Savda)	17602	69		11240	65	V				67GL	67FGL	
New Port Salt pans, Bhavnagar	5828	16		3692	22	Y	7557	37	W	2G		24ABH
Ningal Tank				738	14	X	1039	20	X		34	247L
Nyari	1341	17	Z	1244	14	X				1G		
Ozat Dam (Anandpur)	243	10	Y							G		
Padra Pond				163	11		27	3				8I
Padwania	831	24	Z							0		
Panch-Pipla Pond	122	4	Z									
Pansora Village Pond	1550	30	Z							38		
Pariej	22492	53	Z							3FH		
Pasbada Dam (Karia)	200	1	W	780	19	Y						
Paladungri Tank	222	2	W							46HK		
Piprala Dam	0	0	Y							H		
Piroton Creeks							1943	20	V			BG
Pond Between Sayla & Thoriali	13	4	Z	16	7							
Raghwanaj	1149	35	Z							38F		
Rahkui				202	7		307	20	Z		38	8
Randharda	261	22	Z	985	21	Y	0	0				
Raniporda Irrigation Tank	2896	23	Z							6		
Raniporda Village Tank	137	14	Z							3		
Rann				10263	13	X						
Ratania Talav	4502	22	Y	1930	19	Y	3289	15	X	46FG	4FGK	6FGK
Ratanpara Dam (Vaghania)	12277	8	Z									
Ratnal Check Dam	0	0	Z	240	14	X	559	12	Z	3	23	23
Ratnal Tank	0	0	Z	60	14	Z	88	20	Y	3	38	37
Rawal							46	6	Z			
Rawat Sagar	1971	16	Y	859	19	Z						
Roza Adbandh	0	0	Y							H		
Rudarmata Dam	112	16	X	5	4	V	141	13	W	36HL	6GL	236
Rukmavati Creek	279	13	X	725	18	X	520	25	X	HL		28HI
Ruva Village Pond							164	10	Y			

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Site totals of birds and species counted during the Asian Waterfowl Census 1994-96

Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Sagar Intake Condensers				425	23	X					1G	
Saiyant Tank	413	19	Z							6		
Sala	859	19	Z							0		
Samarkha	34	12	Z							0G		
Sandhan	701	22	Z							0		
Sankrola Dam (Hanuman Khijadia)	2033	7	W	1062	14							
Santalpur Tank	266	19	Y							8		
Santrampur Tank	98	13										
Sapar Brahmapuri Pond	42	2	Z	20	4	X						
Sapar Pond	0	0	Z	0	0	Z						
Sara Reservoir	126	14	Z	958	16	Y						
Sariyamati Dam	1779	9	X									
Savli Irrigation Tank	14	1	Z							6		
Savli Village Pond	143	14	Z	484	26	Y	196	15	Y	0	68FG	678CD
Sayla Pond	378	23	Z	747	20	Y						
Shekhupur Village Pond	82	19	Z							8		
Sher Talav	312	12	X							3		
Shinay Reservoir							291	21	X			6
Shilladeri Tank Ghogha Rd; Bhavnagar				689	16	Y					7F	
Sidhada Dam	5	1	Y							H		
Sidhsar Village Pond	25	8	Z	22	5	Z						
Sinaj Reservoir	0	0	Z	2883	6	W				2	2	
Sindhrot							29	5	Z			7AFGH
Sitla Tail Tank	150	15	Z							7		
Sonaria Lake				204	9	Z	306	22	Y			36
Sudamapuri Check Dam	34	12	Z									
Sudamda Pond (Pond Near Sudamda)				2	2	Z					3	
Sudamda Tank (Sayla)	1119	22	Z	575	17	Z					6	
Tail Tank							359	32	Y			
Talat Talav	57	8	Y							6		
Tapar Reservoir	1175	20	Y	260	13	V	1519	18	X	36		23
Tapi Barrage							37434	20				FK
Temba Talav	1071	13	X									
Thanpa Lake				15	6	Y					6	
Thol Lake	2154	6					982	15	Z	6F		6DGK
Thol Village Pond							234	14	Z			89
Thorala Dam				2141	18	Y					6	
Thoriali (Limdi Bhogavo) Dam	2731	21	Z									
Tikar Village Pond	658	26	Z	230	17	Z						
Timbi Tank				1732	28	Y	593	28	Z		7FG	8
Topansar Tank	121	14	Z	51	7	Z	99	13	Z	8L	8	8
Traj Village Pond	3989	26	Z							0		
Tranja	3274	18	Z							0		
Tundel	21	11	Z							0		
Ukai Dam							7466	12	V			46GK
Vachhapari Dam	197	8	W									
Vadadala				1601	21	Y	512	12	Y		6	78
Vadali Tank	8	2	Y									
Vadhwana Reservoir				924	22	W					FGK	
Vadsar Air Base Pond	0	0								I		
Vadtal	151	23	Z							G		
Vagharia Dam				724	15	Z						
Vaghol	325	16	Y									
Valakhavaj Jheel	28	9	Z	100	11	Z	17	9	Z	3	3	23
Vansar, Near Shiv Temple	558	14	Z							0		
Vastrapur Tank							46	7	Z			8
Vastrapur Village Pond				49	7	Z					8	
Vatrak Reservoir	255	11	V							6H		
Venu li							586	17	Y			6
Veri Dam	1739	18	W				15642	62	Y			28FG
Vijaysagar	233	18	Z	82	13	V	514	21	Y	6HL	6GK	6
Viramgam Sewage Dam	353	16	Y	147	9					8F		
Viroja	283	11	Z							0		
Vrajmi/Dadhichi Sarovar				485	7	Z					6	
Wadhvan Bhogavo-1(Nakad Dam)				738	26	Y					G	

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Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Wadhwan Bhoghavo-II Wadwana Reservoir				213	10	Y	7066	30	X			6F
Haryana												
Sultanpur Bird Sanctuary				3831	33							
Himachal Pradesh												
Pong Dam Bird Sanctuary	66721	35	Y	15727	44	X				26H	6H	
Karnataka												
A. Gudugana Hally Kere	51	6	Y							G		
Adagoor Kere				0	0	Z					0	
Adagur Tank	183	4	X							FG		
Adavi-Somapur Tank							405	11				
Addihally Kere	94	5	Z							G		
Agara Tank	493	11	X	282	11	Z	360	13	Z	0	58	58AG
Aghanashini Estuary: Tadri Port	672	20	X							H		
Agrahara Tank				38	10	Z					3678I	
Akkialur Tank				532	8						8G	
Akkialur Tank				500	1	Z	567	6				1
Allalasandra Tank	292	14	Z	437	13	Z				3578	235789	
Allampur Tank	7	5	Y				11	6	Z	248F		G
Alnavar Tank				404	15	Z	227	14	Z			FG
Alur Tank				30	9	Z						
Aluvalli Tank	29	5	Z							238		
Ambalavadi Kere	1655	16	X							G		
Ambale D. Kere	29	8	X	5	1					8F		
Ambale Gowdkere							38	3	Z			3
Ambale Kere							220	12	Z			6FG
Ambale S. Kere	19	4	X							8F		
Ambuga Kere	161	13	X							1		
Ammanidevi Kere	628	8	W							08G		
Ammanimuli Tank				31	8	Z					E	
Anavatti Tank	150	10	Z	192	15	Y	127	14	Z	37G	G	6G
Anchepalya Tank	38	4	Z	45	8	Z	80	14	Z	8AEI	58AFG	8G
Anchihally Kere	33	5	Y							1		
Anekal Tank							315	3	Z			2
Anekere (Big Tank)							999	8	Y			8G
Anekere (Chikkere)	163	12	W	376	10		679	10	X	23G	3	8G
Anekere-Sigidikere				297	10	Y	148	10	Y		23	23
Angoal Lake	490	27	Z	491	30	Z	898	35	Z	678G	68	68FG
Anneshwara Tank	194	4	X	478	18	Z	6	1	Z	6EI		
Annikere				223	15	X					479G	
Anthanamane	9	3	Z							1		
Apine Katte	10	2	V							6		
Aradeshahalli Tank	116	7	Y				331	15	Z	6		
Arakere Tank	406	23	X							1G		
Arasikere Big Tank	19	5	V							H		
Arasinakunte Tank				69	14	Z	122	17	Z		36	G
Arasingere Tank	193	17	Z							7FG		
Arehalli				18	5	Z	3	3	Z			
Areralhosalli Pond (Areakal Hosalli Tank)	97	5	W							0F		
Arogatte Kere	25	5								36		
Arsikere Sewage Water	21	3	Y							6		
Asikere Tank	22	7	V							6		
Atni (Hemavathi Backwater)	137	5	V							6H		
Attibele							237	14	Z			
Attiveri Bird Sanctuary	6445	33	Z							7G		
Avaralli Kere	1042	8	X				611	15	X	1		237FG
Bachanaki Reservoir	775	22	Y							67FG		
Badrana (Badane) Kere	21215	21								FH		
Bagalur Tank	77	4	Y	14	3	Z	21	2	Z	68E	6	
Bagur Tank	102	6	W				118	9	Z	2G		F
Bakkala Tank	44	5	Z							238		
Balaganchi-Honnamaranahalli Tank							1749	18	Y			6
Balagatte Kere	96	8	Z							1		

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Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Balehalli Tank	3	3					7	5	Z	368		6
Ballary Nullah (Canal)				715	26	W	388	21	W		68FG	68
Bandekodigenahalli Tank	1306	4	Y	342	21	Z	9	2	Z	1	6	
Basavanahalli Tank							497	10	Z			BEG
Belakavadi Kere	415	17	X							6G		
Belgodu Tank	17	5	Z							238		
Bellandur Tank	56339	21		5497	11	Y	19136	8	Y	3468	58H	58A
Bellekere Tank	41	9	Y							238		
Belur Tank							1062	10	Z			9G
Bendekere	182	11	V							6		
Bethamangala Tank	9472	15	Y							6L		
Bettada Halli Kere	3482	21	Y							26CF		
Bettada Puri Kere	72	9										
Bhuvanahalli Tank				129	15						37FG	
Bidarakka Kere	273	10	W									
Bidarguppe Tank	103	5	Z				50	9	Z	6		
Bidari Kere (Kasabha)	32	6	Y							6G		
Bidrekere Tank	250	18	Z	9	2	Z	24	8	Z	67DG	9A	
Biduru Kote Kere	355	14	W							G		
Bilikere	399	18	Y							6G		
Binnamangala Tank				25	10	Z	65	9	Z		56	
Bluff Fore Bay (Forbe's Sagar)	339	22	W							1		
Bnp-Camp				4	3	Z						
Bnp-Hs-In				4	4	Z						
Bnp-Hs-Out				0	0	Z						
Bnp-Mattu Bande				1	1	Z						
Bodhigrama Tank							15	8	Z			
Bolare Koppalu Kere	2161	23	X							3H		
Bommarasana Kere	456	10	X							36		
Bovinamarada Kere	22	4	V							6		
Budigere Ammani Tank				749	14	Z					2	
Budigere Ammani Tank	841	4	X				1	1	Z	68GI		
Bugudana Halli Kere				1	1	Z					0	
Byaba Tank	120	8	W							3F		
Byramangala Reservoir	6259	24	X	5105	23	Y	21286	25	Z	3567	568G	5F
Chakenalli Katte/Chakenahalli	2329	11	W							GK		
Chamana Halli	760	16	Y							6FG		
Chandagalu Kere	709	13	W							3H		
Channamanahalli							48	3	Z			
Channapattna Tank	1974	24	W	467	17	X	142	17	Z	8	8FH	
Channapur Tank	244	19	Z							267F		
Chatnalli Backwater	290	8	W							F		
Cheeranally Kere	109	4	Y							G		
Chengadahallimatt Tank	5	1	Y							3		
Chennamumbapura/Abbalagere				64	13	X					6	
Chickthola Kere				209	10	Y					F	
Chigally Reservoir	3396	23	Z							FG		
Chikbyadgere							137	10	Z			36G
Chikka Ankana Halli Kere	183	16	Y							6CFH		
Chikka Begur Tank	19	4	Z							3		
Chikka Hulimavu Tank	106	6	Z	44	9	Z	36	5	Z	9I	238	3589A
Chikka Hunsur Kere	0	0										
Chikka Kadaluru Kere	93	8	Z							6G		
Chikka Mandya Kere	184	10	X							8AH		
Chikkabali Kere	739	14	W							6G		
Chikkabyadigere Tank	129	9	X							3FG		
Chikkahoskote Kere				350	14	Y	75	6	Z			35
Chikkajala Tank	9	4	Z	99	13	Z	26	7	Z	2GI		I
Chikkakongalanakere				73	12	X	250	13			F	3F
Chikkanaramangala Kere				1	1	Z					0	
Chikkasanne Tank							10	1	Z			
Chikkere Tank	32	10	Z	22	11					6G		
Chilakur Tank	133	8	W							24FG		
Chilkunda Kere	355	14	X							H		
Chimali Kere	1013	14	W							1G		
Chittena Halli	1620	11	X							36D		

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Chowdalli Tank, Baragur	195	8	W							FG		
Chowdana Halli Kere	16	1	X									
Chowdi Katte Kere	93	11	W							G		
Dadada Halli Kere	793	22	Y							68H		
Dalavay Tank	997	19	Y							58G		
Dasagowdanahali Tank	213	6	X							4FG		
Devarahalli Tank	232	11	Y							57G		
Devi Kere	0	0										
Devikere (Sirsi Town)	57	7	Z							4GH		
Dhytana Kere	2655	17	X							26FG		
Dodda Ballapur Tank	199	12								6		
Dodda Begur	30	7	Z	165	12	Z	154	13	Z	3	I	
Dodda Hosa Gavi Kere	788	15	X							36G		
Dodda Hulimavu Tank				122	12	Z	120	12	Z		I	
Dodda Kere Tank	926	17	X	399	17	X				238G	F	
Dodda Nekkundi Tank							41	8	Z			
Dodda Turnkur Tank	2483	10	Y	351	12	Z	790	15	Z	6	6FI	
Doddabanagere Tank & Irrigation Land	382	17	W				88	14	W	67		3679
Doddagaddavalli Tank	287	9	X							24FG		
Doddagubbi Tank	37	3	Y	7	4	Z				E	I	
Doddajala Tank	684	7	X	32	4	Z	166	20	Z	268I		
Doddasanne Tank	75	4	Y	43	8	Z				26I	26FG	
Dodderi Tank	41	7	Y	77	11					348G		
Duggatti Kere	872	38	X							FG		
Dwarasamudra Lake	472	7	W	469	9	Y				6FG		
Dyamankop Tank				49	10						6	
Dyapsandra Kere	807	15	W									
Dythana Katte	2152	16	Y							46G		
Eeregowdana Kere	32	7	Z									
Fort Lake	1089	30	Z	766	31		636	21	Z	678G	68G	8G
Gabbadi Tank	23	10	Z	91	10	Z	190	20	Z	26I		
Gaddekoppalugate Backwater	68	4	V							K		
Gadena Halli Kere	116	9	X							1		
Gadijogl Hundi Kere	457	4	X							3G		
Galehalli Tank							1350	41	Z			68G
Ganaldoddi Tank							49	11	Z			
Ganalu Doddi Kere	15	4	Z							3		
Gangoor Hoshalli Kere	193	7	X							5		
Ganjipally (Lift Irrigation Point Krishna)	801	32	X	1291	31	X	1289	32	X	7FH	7FG	
Gantiganahalli Tank	51	9	Y	21	2	Z						
Garke Kere + Tavare Kere	1392	15	Z									
Gavanahalli Kere				427	9	X					8	
Gejjena Halli Tank	604	11	W							236		
Gekaravalli Tank	18	3	W							0		
Gende Hosa Halli Islands	522	26	W							FG		
Ghataprabha Reservoir				698	20	Y	483	20	X		2A	267G
Gidada-Hubballi Tank	237	16	Z	87	10	Z	239	14	Z	6F	6G	16G
Giribettada Kere	0	0	X									
Gobbalipura Kere	0	0	Z									
Gobli Reserve Forest	535	3	Z									
Gollarabeedu Kere	150	14	Y							2FG		
Gonisomanahalli Tank	205	8	W							FG		
Gopalapur, Hemavathy Backwater	82	7	V							67FH		
Gopalpura Tank				18	7	Z						
Gotagodi Tank				65	6						3G	
Gotgodi							41	7				
Gottegere Tank				24	7	Z					268G	
Gowda Gere (South)	140	11	V							3G		
Gowrikere							52	11	Z			6EG
Gowripura Kere	222	10	Y							36		
Gudavi Bird Sanctuary	1269	22	Z	1062	22	Z	608	28	Z	6G	4G	6G
Gudda Halli Kere	624	10	Z							3		
Gudnapur Tank	331	22	Z							27FG		
Gudumana Halli Kere	112	7	Y							26		
Gulimangala Tank				27	5	Z						
Gulsinda Tank (U.M. Kere)	187	9	W									

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	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Gummanahalli Tank	101	6	Z							36EI		
Gurpur Tank				3	2	Z					E	
Gullu Kere	7314	24	X							8DH		
Hange Katte	0	0	V							3G		
Halavagiludodda Kere	69	13	Y	151	8	V				1	35FG	
Halavarada Kere	318	15								6		
Hale Gabbadi	1354	24	Z	7	3	Z	17	8	Z	36GH	2	
Hale Soraba Tank-I	198	11	Z	212	12	Y	138	15	Z	69G	6FG	68G
Hale Soraba Tank-II	50	7	Z	64	8	Y	133	16	Y	69G	6FG	468GH
Halebidu Kere	18	2								2G		
Halegere	81	8	W									
Halekunchae Kere	406	12	X							02G		
Hampapura Kere							150	15	Z			G
Hangal (Town) Tank							231	9				
Hanike Tank	500	7	Y							24FG		
Hanjihalli Tank	15	5	Z							0		
Hanumana Halli Kere	156	10	X							6G		
Hanumantarayana Kere	97	12	Y							26FG		
Hanumanthapura Tank	54	17	Z	56	7					6FG	6FG	
Hardur Kere	0	0										
Haregatte Tank (Nuggehalli)	14	4	Y							2G		
Harohalli	30	5								2		
Harohalli (Kere) Tank	112	9	Z							267F		
Harohalli Tank	952	13	Z	238	22	Z	601	17	Z			
Hasaganur Tank	33	5	Z							G		
Havanagai (Hangal Taluk)				118	3	X	221	4				3
Havanagi				116	9		711	11			3G	
Hebbal Tank	1138	19	Z	6926	28	Z	9200	23	Z	689F	234578	5AFG
Hebbalae (Arkalgud)	136	5	X							367F		
Hebbur Kere							2130	18	X			378FG
Heggada Devana Pura Kere	0	0								26		
Heggadihallimatt Tank	4	2	Y							2BG		
Heggeri Tank	15	1	V	196	6	Z	865	13		6	3	G
Heggeri Tank							136	15				
Heggeri Tank (Dharwad City)							219	10	Z			38G
Heje Tank	96	13	Z	114	16	Z	144	17	Z	FG	FG	3468FG
Hemavathi Backwaters	51	6	W							238		
Henli, Hemavathy Backwater	105	4	X							267D		
Hennagara Tank	2299	29	Z				1383	16	Z	2		
Hennur Tank	20	3	Z							J		
Heraehalli Koppalu Kere	135	7	W							07G		
Herur Tank	38	8	Y							6D		
Hesergatta Tank	581	16	Y	558	25	Z	463	16	Z	H	7FGH	
Hidkal Reservoir	9255	18	W	5064	20	W	10914	23	W	FH	H	2G
Hindalga Lake	189	18	Y	252	20	Z				1		
Hirekadalur Kere	110	4	X							6G		
Hirekere	3997	11		238	14	Z	167	16	Z	H		G
Hirekere-Nuggehalli	217	15	Y							267		
Hiremagalur Tank							29	2	Z			6E
Hirisave Tank							1356	14	X			8FG
Hirisave Tank (Hirisave)	404	12	W							2		
Hitnehebbagilu Dodakere	346	14	W							6G		
Holalu Kere (Devihally)	275	12	X							6		
Holalu Kere (Mandya)	511	8								3D		
Holalu Tank							303	10	Z			F
Holehonnur	26	3	W							1F		
Holekoppalu Backwater	2277	9	W							16F		
Hongere	283	9	X							FG		
Honnamaranahalli Tank							115	6	Z			F
Honnasandra				26	2	Z						
Honni Kuppe Kere	191	10	W							3D		
Hosa Harohalli Kere	0	0										
Hosa Kere (Jayapura)	381	23	Y							2G		
Hosahalli Kere				0	0	Z					0	
Hosahalli Tank							230	16	X			FG
Hosakere (Gopala Krishna Kere)	7350	12	Z							7		

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Site totals of birds and species counted during the Asian Waterfowl Census 1994-96

Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Hosakote Tank	3426	16	X	6994	32	Z	639	13	Z	6GH		
Hosur Tank	627	6	W							36FG		
Hulivan Kere	408	11	X							3G		
Hullur Tank	57	10	Y							E		
Hunasavalli Tank	11	3	Y							3		
Hunasinakere	30	8	Y	330	15					8	8DF	
Huskur (North)				2	1	Z					7	
Ibbadi Kere	213	13	W							367G		
Indal Lake	131	13	Y	521	35	Y				A	A	
Indavalu Kere	38	4	Z									
Irasavadi Tank	2320	9								2H		
Isloor Tank	219	12	Z							27G		
Iyyankere	517	2	W							468C		
Iyyappalli Kere	1209	6	Z							6		
Jakkur Tank	699	20	Z	396	16	Z	9	4	Z	367F	2367	
Jalige Tank							116	14	Z			
Jamboor Tank (Jamboor)	1117	14	W				29	8	Y	2G		8
Janivara Tank							376	13	Y			G
Janivarada Kere	472	19	V							26		
Jayanagara Kere	289	10	Y							368J		
Jayapura Kere	68	15	Y							246F		
Jheranya Kere	128	6	X							0FG		
Jigani Tank	323	22	Z	93	12	Z	49	8	Z	267F		5
Jodigubbi Kere	1879	17	W							0I		
Kabini Backwaters	2571	7	X							G		
Kabkera				184	9	Y						
Kadabagalu Tank	67	5	Z							0		
Kadabagalu Tank	5	2	Z							0		
Kaggalalli Kere	293	12	Z	309	7	Z				26		
Kaggalipura Kere	5506	39	Y				277	19	Z	26CF		
Kaggalli Kere	814	9	Z									
Kaikondanahalli				44	12	Z					2	
Kalaganakopp Tank	181	13	Y							23		
Kalale Kere	2750	22	Y							26FG		
Kalale Tank	43	5	Y							3CF		
Kalasina Kere (Tank)	686	10	W							3FG		
Kalasinakere: Belur	543	15	Y	335	10	Y				468F		
Kalasinda Tank (Hirekere)	96	10	W							23		
Kalingere							138	9	Z			0G
Kaliyur Tank	432	20	X									
Kalkere Tank	248	5	X	651	18	X	1353	31	Z	358A	2358	5G
Kalkuni Kere	42	6	W									
Kallambella Tank	367	22	Z	451	19	Y				68DI	368CDI	
Kallambi Tank	84	15	Z	134	21	Z	65	9	Z	467F	6FG	7FG
Kallipalya Tank				27	7	Z					68	
Kallur Kere	1356	23	X							G		
Kamalapuram Village Irrg. Tank				688	24	X					23	
Kamasamudram Kere	8137	15	Y							6		
Kammara Halli Kere	309	17	W							6H		
Kampalapura Kere	888	14	X							HI		
Kanathur Tank	294	6	W							1F		
Kanbargi Lake	295	19	Z	484	28	Z	576	31	Z	368G	678G	678
Kanchigaranahalli Tank	147	19	Z				161	17	Z	26FG		F
Kanchu Karana Halli	156	11	Z							6		
Kandali Chikka Kere	32	5	Z							G		
Kandali Dodda Kere	372	10	X							1		
Kandali Sanna Kere	49	5	Z							1		
Kandali Tank							1327	17	X			36DF
Kanli Kere	752	13	X							36G		
Kannamangala	74	5	Y				1	1	Z	6EGI		
Kannehalli				2	2	Z					2	
Kanva Reservoir							773	19	Z			G
Karagada Tank	210	5	W	68	3	Y	72	5	Z	2489		6EG
Karagur Tank	10	4	Y							2		
Karanji Kere	803	36	X							289A		
Karanjikere Tank	42	6	X							8CF		

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Site totals of birds and species counted during the Asian Waterfowl Census 1994-96

Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Kare Hundi Kere	455	20	Z							26		
Karigala Kere	1504	19	X							2FG		
Kariganalli Tank	88	3	Z							6		
Karimuddana Halli Reservoir	2914	27	X							H		
Karkala (Anekere, Sigadi, Ayyappa SM)	215	19	Y							7G		
Kattaepura Dam	81	5	V							367G		
Katur Dodkere Tank	190	13	Y							23		
Kavachikatti	86	8	W									
Kaveri River Stretch (Near Bannur)	64	15										
Kebba Hally Tank				1083	23	W					6FG	
Kelageri Tank				303	13	Z	504	17	Z		3	6G
Kellengere	0	0								6		
Kempambudi Tank							271	7	Z			8I
Kempar Katte-Kundur	31	5	X							2		
Kenchana Kere	507	21								2H		
Kengatte Tank	60	4	Y							2FG		
Kengeri (Upanagara) Tank							42	7	Z			
Kengeri on Highway				268	9	Z					3578	
Keregodu Kere	261	10	W							36G		
Kesthur Kere	1707	40	X							FG		
Kikkeri	1334	18	X									
Kirugavali Kere	1239	24	Y							H		
Kodagally Kere	670	8	Y							G		
Kodathur Tank				17	4	Z	15	4	Z			
Kodigehalli Tank	196	13	Z	1899	26	Z				3568	2367G	
Kodihalli Tank	397	4	W							6G		
Kodipalya Tank				70	9	Z						
Kogilu Tank	56	6	Z							8		
Kokkare Bellur Sanct.	209	2	Z							L		
Kolagunda Kere	10	2	V							6		
Kolar Ammani Kere	15481	29								68		
Kollarayana Kere	186	19	X							679G		
Kommaghatta Tank				44	9	Z	129	17	Z			
Konankere							28	7				
Konapur (Gorur Backwater)	108	4					334	20	W			7FG
Kongatte				190	8	X	238	17	Y		36FG	23F
Kongatte (Small Tank)				187	16	W				F		
Koppa Kere	1665	22	Y							H		
Koramangala				66	4	Y					8J	
Kotekere	3051	11	Z				51	6	Z	28H		3D
Kousika Kere	47	7	X							6G		
Krishna River, S.nagar (RTPS Ash Bund)							1231	40	X			FH
Krishnasagara				12	5	Z					2	
Krs Dam Backwaters	8847	31	V							H		
Kubaturu Tank	681	18	Z	603	25	Y	660	21	Y	FG	FG	FG
Kudlur Tank							112	14	Z			6G
Kumbaralli Tank	34	4	W							1G		
Kunchau Kere	262	9	V							04		
Kundoor Tank (U.M. Kere)	202	11	X							2G		
Kunigal Chikka Kere				1761	13	X	1052	26	X		4568C	3789FG
Kunigal Doddha Kere							974	18	X		78	
Kuntur Tank	599	9	X							G		
Kuppagadde Tank	566	18	Z	567	18	Z	382	14	Z	6FG	6FG	67G
Kuruvenka	109	3	Z							6		
Kyasankere Tank	274	12	Y							236		
Lakkuru Kere	1078	7	W							G		
Lakshmi Pura Tank							59	6	Z			36DG
Lalbagh Tank	50	8	Z	130	13	Z	73	10	Z	458H	3	258
Laxmipura: Belur	37	6	X							38		
Lingambudhi Tank	624	14	Z							G		
Machenahalli Tank				95	12	X					6	
Machha Gowdana Halli Kere	197	8								4FH		
Maddur Kere	1297	7								6G		
Maddur Tank	7522	27	X				2979	25	Y	2FG		H
Madhuravalli - Hadgi Tank	183	16	Z							27FG		
Madhure Kere Tank	228	4	X	420	7	Z	1601	15	Z	6E	6	FG

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Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Madivala Tank	655	9	X				3478	13		3467		358
Magadi Tank	199	3	Y	68	3	Y				46FH		
Magadihalli Tank							1224	9	Y			6EG
Magalu-Hemavathi Backwater	740	21								67CD		
Mahadeva Pura Kere	0	0										
Maidala Kere				73	9	X					2	
Makanakatte (Manaka Katte-Halavagilu)	70	6	X							8G		
Makappa Tank				49	7	Z					6G	
Makkarvalli Tank				804	17		17	6			78FGI	4
Makralli Tank	437	11								47G		
Malali Kere	259	5	X							0FG		
Malavalli Tank	1937	13								4DH		
Malgi Tank	484	16	X							2FH		
Mallapura Tank	121	9	X							4FG		
Mallapura Tank (Near Halebeedu)	117	7	W							0		
Mallasandra Kere	1492	13	Z	24	2	Z				68DF	6F	
Mallasandra Water Tank				2	1	Z					68I	
Malligere	145	8	V							36		
Mallurpatna Tank							243	13	Z			
Manchalapur Tank	1213	30	W							6F		
Manchappanahalli Tank	597	2	Y	845	18	Z	1	1	Z			
Manchenalli Tank	13	4	Z							1		
Mantapa Tank				71	10	Z	7	2	Z		26	
Maraluru Kere				62	9	Z					7FH	
Marasu Tank	13	3	Z							0		
Maratagere (Naga Samudra Tank)	93	6	W							3F		
Marched Tank	2264	24	W	1376	40	V	3303	39	W	3G	6G	3
Mare Halli Kere	576	14								3H		
Markal Tank	2247	24								3		
Marshes (Near Arasikere Big Tank)	19	2	X							6		
Mathigatta Tank (Mathigatta)	367	9	W							2		
Matighatta Tank							686	22	Y			0
Mavakop Tank				51	2	Z	6	3				7
Mavanoor Kere	151	3	W							08BG		
Mavanur Tank	16	7	Z							6		
Mavathur Kere				515	7	Y					0	
Mavinkoppa Tank	209	7	Y							6FGK		
Mavnur Tank (Large)							618	16	X			237F
Melukote Pond	775	5	X							0		
Merculi Kere	166	5	Y							G		
Merve Tank	191	7	W				444	17	X	1		7F
Mikkere Kere	215	15								36G		
Mogakere Uttarhalli							19	7	Z			
Mudigere Tank	228	4	W							4FG		
Muduvadi Lake	1555	6	Z							6		
Muganahundi Tank	507	32	Y							246G		
Mugbala Tank	39	9	Y							G		
Mugthihalli Kere				371	8	Y	481	9	Z			FG
Mukanahalli Patna Kere				101	12	Z					26FG	
Mullur Kere	288	9								6G		
Mundigekere (Badalkoppa)	850	7	Z							F		
Muninagara Kere	7	3	Z	2	1	Z				02H		
Muthige Patna Tank	1357	9	W							3F		
Muttanallur Tank	364	5	Z	47	6	Z	0	0	Z	6		2
Mydanahally Tank	86	5	Y							6		
Nagappaiahna Kere	441	16	Z							6		
Nagasamudra Tank	17	5	W							F		
Nagasamudra Village Tank	201	5	W							FH		
Nagavalli Tank							468	10	X			378FG
Nagavara Tank	184	2	Z	755	10	Z	1316	16	Z	589A	5GI	58A
Nagilu Katte	82	8	Z							1		
Nagvalli Tank				161	11	Y					68H	
Narasambudhi Tank	0	0	X							6I		
Narasina Kuppe Kere	269	11	W							79H		
Naregal Tank	2982	24		499	19	Y	4195	22		4FG	4FG	
Narvangala Tank				2	1	Z					0	

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Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Navale				275	13	X					68	
Navalur				957	11	Z					2	
Nayakara Halli Kere	960	14	Y							G		
Neeralgi Tank				300	9						6	
Nelamangala Tank	50	5	Z	120	12	Z				8AEI	568G	
Nelligudda Tank				574	11		237	21	Z		6H	6H
Nethravathi River Bank				655	16	W					6AH	
Niduwan Kere	311	6								04G		
Nirsala Chikka Kere				34	11	Z					68G	
Nirsala Tank	297	18		2382	15	X				6F	6FI	
Nuggikeri				359	15	Z	355	13	Z		6	1
Nyasargi Reservoir	481	24	Z							7FG		
Nyasargi Village Tank	329	20	Z							7FG		
Obichudanahalli Reservoir							7	5	Z			
Odke Tank	308	13	Z				41	9	Z	6FG		
Organ Lake							339	25	Z			
Pandavapura Kere	986	26								4FH		
Paramakere (Hosallikere)	636	3	W							FG		
Patna Tank							525	14	X			
Piriyapatna Dodda Kere	1546	23										
Piriyapattanadammana Kere	0	0								6I		
Purale				77	8	Y					5	
Puttenahalli Tank	855	15	Z	615	15	Z	646	13	Z	3468	358AI	5AGI
Rachanahalli Tank	57	9	X							258		
Rachenahalli Tank	78	10	Y							EIK		
Raichur Thermal Power Station	709	38	X							FH		
Rajanashiriyur Tank	71	6	W							0		
Rakaskop Reservoir	384	27	X	899	36	X				4	0	
Ramadevara Katte (Near Kousika)	47	4	Z							1		
Ramanathapura	25	3	W							6		
Ramapura Kere	529	22					387	23	Y	4G		5G
Rameshwara Tank							43	3	Z			B
Rampura Tank	64	4		448	31	X				8A		
Rampurada Katte	62	7	V							6		
Ranganathittu Sanctuary	1100	15										
Rasamudra-Tavarekere				79	12	Y					F	
Ratna Puri Kere	335	15	Z							3		
Ravandur Kere	269	9	W									
Ravugodlu Tank	16	7	Z							6F		
Ravummana Kere	0	0	X									
Rayana Kere	237	14								68I		
Rayara Kere	52	8	Z							0		
Sadahalli Tank	225	7	Y				140	13	Z	EGI		G
Sagathavalli Kere (Gramada Kere)	808	8	W							2		
Sakaleshpur Hemavathy River	20	7	V				664	8				
Sakaleshpur Tank	10	3	Z							238		
Sakalvara Tank	268	4	Z	20	10	Z	86	10	Z	6G	G	A
Salagaon Village Tank	687	22	Z							2G		
Salapurakere (Banavara Kere)	69	7	V							6		
Sankanahalli Kere	184	8								26		
Sankey Tank	17	4	Z				12	5	Z	L		58HL
Santhe Kasala Kere	1401	30	Y							3G		
Santhe Kere	2912	13										
Sarjapur Tank				2	1	Y					2	
Sataamangala (Satyamangala) Tank	201	5	Y	879	19	X	1467	22	X	2FG	DFG	
Satanuru Kere	152	7	W									
Sauve Kuppe Kere	206	7								26		
Seega Tank	208	13	X							246F		
Shadambi Tank				126	7						3	
Shanegere Tank (Big)	9	2	V							6		
Shanegere Tank (Small)	43	5	V							6		
Shanthi Grama Kere	66	8	X	39	5	Z				G	I	
Shanthi Kere	61	6	Y							H		
Shettihalli Tank							2347	23	Z			9A
Shetty Gowdana Halli Tank (Hosakere)	25	4	W							2		
Shetty Kere				88	4	Y	76	6	Z			6E

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Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Shiddiaghatta Ammani Kere	5259	17	Z							6		
Shoole Kere	1298	24	Y							2G		
Siddapura Tank				88	12	W					36	
Sigaranahalli	100	8	W							07FG		
Sindhuvali Kere	100	10	Z									
Singanahally Kere	21	8	V							6		
Singanayakanahalli Tank	26	5	Y	3	2	Z	9	5	Z	6E		G
Singayyana Kere	86	6	Z							G		
Somanahalli Tank	114	8	Z							03		
Soulanga				7	3						0	
Sri Ramadevara Halle Katte	89	4								0GK		
Sule Kere	9575	20	X							H		
Sundalli Tank	33	2	W							26		
Suradhenapura Tank							240	16	Z			G
Suvarna Kere	193	13										
T G Halli Tank	1571	21	X				549	14	X	G		2H
Tadas (Town) Tank							98	11				
Tailur Tank	1646	32	Y				7882	41	Z	6		
Talur Tank	1205	4	W							1		
Taralu Tank				27	6	Z						
Taramana Katte	486	9	X							3G		
Tatguppe				26	5	Z						
Tattana Halli Kere	0	0										
Tatte Kere	0	0										
Tattihalli Tank	297	15	Y							67FG		
Tavare Kere	509	8	W				197	12	Y	2H		1
Tavare Tank				139	6	Z					G	
Teeta Reservoir Project				486	14	Z					8	
Thagere Tank	69	8	W							6FG		
Thaneerbhavi				653	18	Z					B	
Thimmappanayakana Kere	121	10	W							FH		
Thomasandra Tank	60	11	Z							36FI		
Thonthalpur Backwater	116	6	V							67		
Thopina Katte Kore	408	8								0FG		
Tippagondana Halli				251	20	Y	3147	22	Z		1	
Todatur	1018	12	Y							6		
Tumkur Amanikere				1453	26	Z					235789	
Tumkur Tank							156	15	W			3789
Tyavagodu Tank	44	8	Z	76	11	Z	55	13	Z	G	G	G
Uddur Kere	0	0	Z							1		
Uddur/Yagai Pond	103	7	X							FG		
Ukkalagere Kere	502	13								1G		
Ulave				2294	4	Y					3	
Ulsoor							38	4	Z			58AH
Uraganahalli Tank	2105	18	Z	2378	29		1520	25	Y	CDFG	CDFG	46FH
Vadavina Katte	3236	17								H		
Vadke Kere	1370	6	Z									
Vartur Tank				3146	11	Y	1876	11	Z		58H	568AH
Varuna Tank	697	12								26		
Vasudevapura Tank	11	3	Z	7	3	Z				03		
Vatehole Tank	104	3	V							1		
Vengaiyya Tank	42	6	Z	87	8	Z	23	2	Z	G	5A	58AG
Vishnu Samudra	72	9	V							6		
Vishnusamudra Lake	467	8	W							8FG		
Woddara Gudi Kere	152	11										
Yalachihalli Tank	1848	8	Y	1001	14	Z						
Yalahanka Tank	1115	7	X	97	7	Y	83	6	Z	358A	5F	F8
Yanni Hole Kere	534	19	W							26		
Yediyur Tank							1	1	Z			58L
Yejjaganahalli Kere	98	7	X	283	5	Y	1353	15	Y	468F		6FG
Yelandur Kere	1619	30	X							FG		
Yelavala Kere	42	9								46		
Yeliyur Kere	136	15										
Yellamallappa Tank	114	11	Y	257	21	Y	847	17	Y	5AH	ADG	5
Yellur Lake				538	32	Y					78FH	
Yeriyur Kere	3868	42	X							G		

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Site totals of birds and species counted during the Asian Waterfowl Census 1994-96

Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Kerala												
Akkulam Lake	854	20	Y	1183	29	Z	1217	24	Z	48L	489BF	489BF
Ambalamedu Lake	11934	9					30003	6	X	L		F
Aruvikkara	291	18	Y	119	13	Y	142	13	Y	47CF	4FG	49FG
Bharatapuzha Estuary	4250	21	X	6426	34	W	9703	43	V	6EFH	FH	FH
Chambrakulam Pond	409	10	Z							23		
Charanathukavu-Aazhankal Marsh	173	6	Z	153	7	Z				4B	4F	
Chulliyar Dam							309	20	Y			7
Kadalundy Estuary	4079	29	V	649	20	W	527	20	W	FH	FH	FH
Kandachira & Kallada West	804	25	Y	1897	26	X				F	9G	
Kattampally	10712	21	W	14729	24	V	12516	22	W	3	FH	FGIK
Kole Wetlands	46269	49	V	75517	53	V	78840	57	V		46CDF	468CD
Madakkara	3653	14	Y	2781	17	Y	2485	24	Y	4FHI	FHI	4FHI
Malampuzha Dam Reservoir	196	12	W	491	15	W				26CD	48BH	
Mangalavanam							29	5	W			ABI
Pallippuram Paddyfields				348	15	Y					I	
Peechi Reservoir	2743	12	W	2024	13	W				25FH	245FH	
Peppera				166	20	W	191	20	W		4FGL	4FGL
Perambikulam II	18	8	V									
Periyar Tiger Reserve, Lake	55	14	W									
Perumathura	68	12	X	188	17	X				H	FH	
Thirumala Valiyavila Paddyfield	258	8	Y	394	11	Y				8F	8F	
Thiruvallam Punchakari-Vellayani-II	2664	25	Y	2581	49	Y				FG	CDG	
Vazhani Reservoir	52	8		62	9	Y				FHKL	2FHKL	
Velayani Lake				728	16	X	1005	13	X		69CDG	36CDF
Veli Lake	244	19	W	224	21	X				IL	8BHL	
Vellimukku Chali	2661	16	W							F		
Vembanad Lake	29991	27	X	21416	33	X	21724	35	X	56FH	46FHK	46FHKL
Walayar Dam Reservoir	683	33	X	422	21	X	782	29	Y	267E	4ACG	467AB
Madhya Pradesh												
Balgaon Tank (Project Tiger Kanha)	486	11	Z							67G		
Banedia Tank	247	11										
Bilawali Tank	232	8										
Bisanpura Tank (Kanha National Park)	278	8	Z							1		
Kishanpura Tank	563	14										
Mala Dam, Mala Village Tahsil-Jabera	222	11	V							6FH		
Pipliapala Tank	55	8										
Ratapani Reservoir	94	9	Z							1		
Sirpur Tank	1307	29	X							4CG		
Sondhar Tanks (Kanha National Park)	192	8	Z							1		
Upper Lake, Bhopal City	462	4	V							2467		
Yashwant Sagar	197	15										
Maharashtra												
Adagao	280	7	Y									
Alibag Seabeach	1739	9	X							8ABH		
Ambazari Reservoir	6723	14	X							AG		
Ballaleshwar Jheel	255	12	X							48HI		
Bhirapur Lake	92	13	Z							17		
Bori Lake (Near Dharni, Melghat)	62	12	Y							6G		
Chargaon Lake	18477	30	W							23G		
Chavna Dam	637	4	X							0		
Chhatra Lake	334	35	Z							78BG		
Chorbawli Lake	97	10	Y							0		
Dahegaon Reservoir	775	15	X							36		
Dativare	745	20	V							G		
Deolaparlake (Behind Technical School)	373	24	Y									
Dheku Project	3270	32	X							367G		
Diwankhed Lake (Mardi Road, Amravati)	60	12	Y							6G		
Dodhani Dam	652	11	X							G		
Dongartal Lake	276	15	X									
Erai Dam (Backwaters)	4630	24										
Ghatkhed Lake	50	12	Z									
Ghodegaon and Antiwadi Tank	533	23	Z							1		

APPENDIX III

Site totals of birds and species counted during the Asian Waterfowl Census 1994-96

Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Gokuleswar Talab	266	15	X							0		
Goregaon Creek	6134	30	W							489A		
Gorewada Reservoir, Nagpur	1166	17	X							0		
Gulherghat	274	6	Y							G		
Hipparga Tank	6103	42	Z							G		
Indla	88	18	Y							1L		
Irai Dam	80747	22	W							0		
Januna Tank	416	26	Z							8		
Jayakwadi Tank (Nath Sagar Dam) B.S.	77212	60	V							67AF		
Jutpani Lake (Near Dharni, Melghat	34	10	Y							6G		
Kamaltal	119	9	X							0		
Kandeshwar Lake (Near Badnera,	19	7								4		
Kathalabodi Lake	205	7	Y									
Kavdi	461	22	Y							AB		
Kekatur Tank	262	17	Y							2G		
Kham Reservoir	2189	26	Y							26		
Khambala	137	11	Z									
Khamgaon Tal Daund	336	11	X							68CK		
Khandeshwar Jheel	307	9	X							28		
Khidki Lake	995	22	X									
Khumari Lake	399	11	Y							03		
Khursipar Lake	74	8	Z							4F		
Kokanabodi And Katadi Tanks	135	6	Z							4678		
Kolhi Project	1503	33	Z							236		
Kolsa Tank (Inside Andhary Sanctuary)	1164	14										
Koradi Lake	3954	43								3G		
Kurul Talab	171	7	X							0378		
Lawada Lake (Melghat)	40	12	Y							6		
Lonawala Dam	204	5	Z							0GKL		
Makardhokda Lake	37	4	Y									
Malegaon Tank	106	20	X							46G		
Malipar Tank	140	4	Y							47F		
Malkhed Tank	1961	34	Y							36G		
Mandwa Lake (Melghat Sanctuary)	41	12	Z							6		
Mardi Lake (Mardi Road, Amravati)	43	9	Y							G		
Mayni Bird Reserve	1330	36	Z							7GL		
Mesa	58	7	Y									
Moharli	301	29	X							FH		
Mula Mutha Sanctuary	840	21	X							A		
Nagathana Lake	31	8								G		
Nandur Madhemeshwar	7230	43	X							467G		
New Palace Lake	561	21	Y							1		
Pachgaon (New) Tank	249	13	Y							46F		
Pandhari Lake	311	13	Z							G		
Pashan Reservoir	477	16	W							3		
Pimpalgaon	799	12	Y							6		
Pingali	766	21	X							67G		
Pohara	65	10	Y									
Propex Lake (O.F. Estate)	145	5	Z							3IL		
Raidoha & Daww Tanks	197	10	Z							47FL		
Ramnagar Lake	456	6	X							0		
Rankala Lake	5188	20								38G		
Ravanwadi	1732	9	Z							47FL		
River Godavari (Near New Bridge,	719	8	X									
Sadatpur	1050	19										
Salim Ali Lake, Aurangabad	1439	20								28GI		
Salvan Devi Tank and Kharad	156	12	Z							1		
Satnur Lake	94	9	Y							G		
Savla Dam	335	5	X							0		
Sawardi	144	12								1G		
Shastrinagar Tank	24	3	Y							8FGI		
Shekdari Lake	18	8	X							H		
Shendola Lake	25	9	Y							1G		
Silli-Ambadi Tank	43	3	Y							7F		
Sonegaon Reservoir	474	16	Y							2356		
Sukhana Dam	4255	30	Y							26G		

APPENDIX III

Site totals of birds and species counted during the Asian Waterfowl Census 1994-96

Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Suryaganga Lake	253	15	Z							6G		
Tadoba Lake	544	10										
Takli Tank	14	7	W							G		
Telenkhedi	266	13	Y							GL		
Thane Mithbandar (Salt Pans)	961	22	V							AFGJ		
Varvand (= Victoria) Lake	395	67	Y							6G		
Veshwi Talao Gokuleshwar	122	11	W							FG		
Visapur Tank	523	21	X							1		
Wadali (Futka) Lake	279	14	Y							2G		
Wadali (Main) Lake	169	21	Z							28GL		
Wuna Reservoir	13369	23	X							G		
Manipur												
Logtak Lake	10975	41								3568		
Orissa												
Ambagada Pond, at Ambagada Village	29	7		102	10	Z	273	17	Z	6	0	236H
Ansupa Lake	950	18	Z	624	17	X	11860	42	Z	235F	356	CF
Aurobindo Ashram Lake	405	10	Z	396	10	Y	517	12	Z	235F	23FH	23FH
Bada Bandha	425	7	Z	194	5		241	8	Z	5F	235G	25G
Bada Patta Tank	2015	33	Z	3925	52	Y	1852	39	Z	567F	5FH	6H
Badabandha Balajipur	54	6	Z	122	7	Z	210	7	Z	56H	25HI	267G
Badabandha Puduni	42	3	Z	57	7	Z	132	11	Z	25H	0	256G
Badabandha S. Tikara Pada	118	13	Z	183	13	Z	170	10	Z	3H	3H	35GI
Badabandha Sidhapalam	209	3	Z	78	7	Z	182	14	Z	3FH	0	37FH
Badhbandha Labanyagada	77	6	X	208	13	Z	279	4	Z	2G	0	265H
Bagala Bandha	247	13	Z	97	3	Z	195	2	Z	5	0	257G
Baghpal Reservoir							843	16	Z			25FG
Baghua Reservoir	1089	12	Z	247	9	Y	654	18	Z	5F	0	256H
Balimela	4361	26	W	3862	21	Y	7239	24	X	5F	5F	25FH
Balunkeswar Tank				346	15	Z	663	26	Z		0	59FG
Barala Bandha at Rama Chandrapur	144	15		469	25	Z	116	10	Z	2357	G	25PS
Basudevpur Confluence	493	11	Z							FH		
Belama Bandha	213	11	Z	217	14	Z	71	5	Y	256F	25G	25FH
Belapathra Ghai	813	22	Z	286	12	Z	822	12	Z	26F	0	5G
Bhagi Pur-Bada Sankha On Mahannadi							440	11	Y			2FH
Bhanga Sankha	780	17	W	785	17	W	839	17	W	1H	1H	1H
Bhetanai Haja	664	17	Z	313	14	Z	732	16	Z	3FH	0	26G
Bhima Sagar Pentha	97	9	Z	233	14	Z	258	14	Z	35H		35FH
Bhismagir-Bada Bandha	918	21	Z	745	20	Z	205	6	Z	3H	3H	256H
Bhitarkanika Wildlife Sanctuary	28255	50	X	47596	63	Y	15128	59	X	4FI	F	6FH
Biradia Reservoir	175	9	W	165	8	X	433	11	X	25FH	25FH	25FH
Biseibandha-Dauni	127	10	Z	248	15	Z	622	7	Z	567G	0	235H
Biswa Ghai Kharinipada	536	25	Z	491	22	Z	651	11	X	56FH	0	25H
Brahmabarada Ghai	249	17	Z	387	8	Z	37	4	Z	26G	1	4JK
Budha Budhianji Reservoir							1278	12	X			25FG
Chadakmaraa-Parsurampur							44	4	Z			235G
Chhamundia Reservoir							182	5	X			25FG
Chhanchani Bandha							188	7	X			235G
Chheliadiha				64	6	Y	56	4	Z		CD	CD
Chiliika Lake: Sectors 1-8	756545	82	W	1,261,860	84	Y	1484186	85	Y	5FH	5FH	35FH
Chudangapur Babajibandha							393	6	Z			356G
Dagara Chanda	609	8		1508	18	X	668	9	Z	25FH	0	256G
Daha Dam	914	12	Z	285	13	Z	2694	11	Z	25FH	25H	2G
Deras Reservoir							3028	7	Z			25FG
Derjang	524	8	Z	518	8	Y	2826	8	Y	56FH	56FH	5FH
Devi River Mouth	1726	31	X	3587	45	X	4001	43	X	6	6	26H
Dhansara Pato							3600	16	Z			356F
Dhulianali Dam-Manpur							1086	10	Z			25FH
Dimari Sora(Shishupalgarh)							86	8	W			236G
Durgal Prasad Reservoir	147	7	Z	115	6	Y	162	7	Y	35FH	5FH	35FH
Ekamrakanan Lake	783	13	Z	372	14	Z	268	13	Z	1	4L	L
Era Bandha	626	9	Z	268	32	Z	522	24	Z	35F	0	235G
Gajapatisagar-Kharasa	85	5	Z	284	12	Z	112	9	Z	35H	0	235G
Ganjanala, Sidheswara	412	4	Z	288	8	Z	76	5	Y	2G	0	256G
Gayala Banka on Mahanadi				2171	16	Y	453	17	Z		FG	25FH

**Site totals of birds and species counted during the
Asian Waterfowl Census 1994-96**

Region/Name	1994			1995			1996			Threats/Uses ¹		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Ghasiputa Pata							534	15	Z			36FH
Ghodahaddam	185	8	Z	1055	20	Y	1556	31	Y	25FH	5H	25FG
Goibandha (Balliguda)	82	5	Z	93	8	Z	10	6	Z	25FH	25FH	25FH
Gopala Sagar (Patrapur)	247	5	Z	151	11	Z	6	1	Z	35FH	0	35FH
Gopalpur Backwaters	2117	16	Z	1597	20	Z	3827	14	Z	59H	G	59HL
Gopalpur Channel/Creek (Near Haripur)	244	11	Y	279	24	Y	147	11	Y	36G	36GK	367G
Gudia Bandha-Tatipati	193	18	Z	307	13	Z	148	6	Y	35G		25G
Gudulaba Tank Buguda	253	3	Z	589	7	Z	160	5	Z	25H	0	235H
Harabhangi				1371	11	Y	1872	11	Z		0	AK
Hedamakhara Tank							115	6	Z			235G
Hetta Bandha-Sauntiapalli	409	19		273	13		311	9	Z	356H	5H	235G
Hirakud Reservoir	7786	12	X	21823	29	V	44719	39	Z	26FH	2FH	
Hukitola-Backwaters				65693	36	Y	114049	39	Z		25	25FH
Jagannath Sagar	312	13	Z	80	5	Z	179	8	Z	5FH	0	256G
Jalamara Tank	211	8	Z	53	6	Z	68	5	Z	257C	0	26G
Jalipata				203	4	X	262	7			23GL	23GL
Jamujhori Dam				3	2	Z	27	5	Z		2	26G
Jari-Pato							1239	19	Z			25FH
Jharia Nala Reservoir							3314	24	Z			36FG
Jhumuka Reservoir							933	6	Z			5FH
Jotadhari Tonda				9812	37	Y	775	3	Z		25FG	2ACH
Kabra Dam (M.I.P)							47	10	W			2
Kalingodola (on Bahuda River)	159	7	Z	358	8	Z	206	7	Z	2FH	0	2G
Kalinji Bandha	245	9	Z	108	5	Z	380	7	Z	25FI	0	257H
Kalo Reservoir	776	10	Z	828	10	Z	1679	17	Y	25FH	25FH	25FH
Kama Bandha Padmanabhapur							481	8	Z			25G
Kandarapur Swamp							786	10	Z			25FH
Kanhei Nala	200	9	Z	307	9	Z	654	8	Y	2G		256H
Kanjari Reservoir	380	11	Z	62	4	Y				27FH	CDG	
Kanjia Lake: Nandankanan	1156	19	Y	380	21	Z	2240	41	Z	23G	23GL	257G
Katari Reservoir (Balliguda)	53	3		70	6	Z	89	6	Z	2	2	25FH
Kathapal Reservoir	792	10	Z	571	9	Z	725	9	Z	257F	25FH	25FH
Kelakata Reservoir							853	5	Z			25FH
Khajuribandha-S. Rautapur	73	5	Z	279	8	Z	226	3	Y	235H	5	235H
Khalakhala Reservoir							330	12	Z			25FH
Khandadeuli Bandha							276	7	Z			256G
Khoiro Bandha	46	7		123	7	Z	143	7	Z	235F	25F	25F
Khulusai Tank							759	12	Z			25AF
Klinga Sarovar Lake							128	6	Z			38
Kolab River Bed				447	6	Y	542	6	Z		0	2DFG
Kontapahanra Pata							1996	22	Z			257F
Krishna Sagara Donuru	234	11		44	4	Z	395	9	X	3568	0	256G
Krusna Sagar	253	11	Z	116	13	Z	420	19	Z	25CF	235G	356H
Kuanria Dam				920	18	Z	283	6	Z		0	256H
Kumarkunthi Reservoir-Chandka Wildlife Sanctuary	28976	30		74616	25	X	33491	20	Z	2	0	G
Kumuti Bandha	360	22	Z	224	15	Z	399	14	Z	25CD	0	25GI
Kurum Chaini (Banki) on R.Mahanadi							149	8	X			F
Kuspangi Pato	803	11	Z	754	35	Y	1841	25	Z	56FH	F	36FG
Lahanda	566	10	Z	235	9	X				2FH	1	
Lamagudri				10	4	Z	18	8	Z		G	2
Liakhai Sagar							251	7	Z			367G
Macha Kund	6450	17	W	7837	17	X	18755	16	X	2H	2H	2H
Mahanadi Sector-VII (Badamul to Chhamund)							272	5	Z			25FH
Mahanadi-VI (Manibhadra-Chhamundia)							1125	9	Z			25FH
Mala				145	17	V					2FH	
Mandira Reservoir	3593	12	Z	4327	13	Y	4637	13	Z	2H	0	25HK
Manguli Swamp	1981	17	Y	1797	17	Y	1301	12	Z	56AF	56AF	35AG
Mankadagada Dam(M.I.P)							12	4	Z			23G
Maritank Singipur	213	6		145	10	Z	333	12	X	5H	3H	256G
Meghajholi Sagara	151	7		250	7	Z	238	6	Z	5H	5H	5H
Mhanadi-VIII Satkosia Gorge							618	7	Y			2FG
Mohadei Sagar Complex	138	7	Z	311	12	Z	360	11	Z	356H	0	236
Mohanadi (Kontilo)IX Sec							801	14	Y			2G
Mohanadi from Trisulia to Baidyeswar	2829	19	X							FG		

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Region/Name	1994			1995			1996			Threats/Uses ¹		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Mota Ghai Dam	143	9	Z	119	10	Z	483	15	Z	35H	5G	257H
Mota Hada							174	3	Z			235G
Mukundadev Sagar	854	16	Z	274	15	Z	735	12	X	25FH	0	267H
N.L. Pur Bandha	494	20	Z	400	29	Z	177	15	Z	5	23F	23FG
Nagapur (Nagpur) Tank	117	9	Z	183	19	Z	1376	41	Z	6G	0	25L
Naraj-Mundali	3704	20	W	2806	46	X	1034	12	Z	FH	FHK	25FH
Narayan Sagar	1479	14	Z	228	10	Y	733	6	Z	25FH	0	256G
Nistipur Pato	772	22	Z	890	22	Z	1380	23	Z	2356	25FH	36CD
Nuanai Muhano	79	9	Z	135	8	Y	155	9	Y	1H	1H	1H
Ongaifo Lake	2034	42	Z	863	26	Z	3369	23	Z	25FH	0	235H
P.P.L. Swamps	2348	29	X	2949	46	X				0	A	
Pachi Cherugu Girisola							1642	16	Z			56G
Padma Pato Iswarapur							110	4	Z			256G
Pangidi Haja	445	12	Z	216	18	Z	760	17	Z	2356	0	235G
Pendura Badi Bandha	61	5	Z	34	6	Z	79	8	X	35FG	0	257G
Pendura Bandha Bagada							441	4	Y			2356
Pillasalki Medium Irrigation Project							216	17	Z			0
Pompalo Tank	903	6	Z	1097	19	Z	3225	25	Z	5	0	2CHJ
Pustapur Sagar							329	12	Z			256G
Radhkanthtank Talasingi	244	8	Z	175	14	Z	150	6	Z	25FH	26G	245G
Raga Bandha	549	10	Z	179	12		552	8	Z	257F	35FG	256G
Raghunath Sagar	2142	20	Z	1141	11	Z	1561	20	Z	25FH	0	25GI
Rakhya Bandha	319	13	Z	188	14	Z	398	15	Y	25FH	0	235H
Ralaba Bandha	820	16	Z	312	8	Z	310	9	Z	567F	0	235G
Ramachandi Muhano	6476	25	W	1252	22	Y	425	3	Y	G		5FG
Ramalingeswara Tank				173	5						58G	
Ramasagar & Seethasagar Complex	556	9	Z	128	10	Y	607	16	Z	2356	0	235G
Ramiala Dam	643	12	X	772	10	Y	933	14	Y	25FH	25FH	25FH
Ranadei-Baghasala	591	18		318	15	Z	147	4	Y	5H	3H	356H
Rasooru							212	7	Z			236H
Rengali	4071	32	W	4441	34	X	39540	22	X	25H	0	2HI
River Kharoshrota near Aul	97	11		406	9	Y	487	9	Z	H	0	2FH
River Mahanadi from Cuttack to Banki	2824	18	X							F		
River Mohanadi-III-near Subarnapur							2420	19	Z			CDFH
Rono Nadi	863	27		1674	44	Y	1495	32	Z	356F	6FH	235G
Rusikulya Dam	335	21		160	21	Z	1114	24	Z	567F	0	256G
Rusikulya River Mouth	597	13	Z	659	15	Z	704	20	X	A	A	9AH
Saipal	1408	24	Z	1390	24	X	739	12	X	5FG	2	357H
Salt Fields of Huma	4888	19	Z	6439	20	X	14225	14	Z	FG	0	FHJ
Sambepadar Dam (Mip)				29	12	Z	215	13	Z		FH	25FH
Sana Patta	944	32	Z	794	28	Z	711	29	Z	56CH	6F	6FG
Sanaghagara				53	4	Y	78	5	Z		L	25H
Sanamachakund				40	2	Y	298	3	Y		2	25FH
Sanglijhara Swamp							1054	14	Z			256F
Santra Bandha Palaspur							84	6	Z			256G
Seetha Sagar							1660	10	Z			236G
Sindhaha Khajuri-Bandha	91	14	Z				263	14	Z	23F		23F
Sisilo: Badapokhari Tank				328	21	Z					0	
Sisolo	79	2	Z				254	22	Z	2		
Sitapadar Dam				53	6	Z	662	10			2	2
Sorada Reservoir	523	13	Z	1155	15	Z	705	10	Y	25FH	26GH	256H
Suna Dehi Nundia (Banki) on River							240	10	X			2FH
Sundar Dam	1696	34	Z	2771	40	Y	591	8	Y	2G	2	356H
Sundarpur Tank	146	8	Z	155	7	Z	278	7	Z	2357	0	25G
Tampara Backwaters	1590	17	Z	1412	20	Y	3990	26	X	25FH	3H	25FH
Thana Canal Barang							215	5	Z			35H
Wetlands Near Balichandrapur							130	8	Y			3FI
Pondicherry												
Bahoor Tank	306	12	V	4579	6		36	1		69FH		
Kaliveli	20117	10		11284	11		11238	12	V			467CF
Ousteri Tank	10388	20	V	4662	12		2784	10	X	236A		47ADF
Punjab												
Ropar Head Works	253	27	W							2455		
Ropar Wetland	361	29	W							24AC		

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Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Rajasthan												
Aakera	1378	50	Z	269	31	Z				2467	2467DF	
Abheda	2833	41	Z	3120	43	Z	1541	39	Z		3H	2F
Ajan Dam	152	25	X							6CD		
Akheraji Tank				132	17	Z					2467	
Alniya Dam	3182	39	Y	2358	34	W	1440	35	X		2CDH	26CDH
Bandh Baretha				1824	53							
Bardha Dam	8359	49	Z	9516	36	Z					26CDH	
Barli Tank							268	16	Z			7
Baropal, District Ganganagar	1835	17	X									
Chandalai	202	21	Z							6AFG		
Chirwa Talab				407	14	Z					1	
Cut No.5, Ghaghar Flood Area	1	1	V							H		
Didwana Pond	512	3	Z							O		
Gajner	1092	18	Y							L		
Gajner Village Tank	663	12	X									
Jalmahal Lake	1531	22	X	1363	23	X	1262	23	Y	268	568	589L
Kayalana-Bijalai-Badli	680	23	Y				459	21	X	4FGH		1
Kechan, District Jodhpur	4205	14	Y							L		
Keoladeo Ghana National Park	13842	68										
Kookas Dam	78	12	Y							36FG		
Kips Ash Pond				1644	15	Z	2822	22	Z		2A	239
Lakhawa Tank	1502	34	Z	1637	35	Z	298	17	Z		28E	2
Mansarovar				488	27							
Mawatha Sarowar	154	11	Z							OL		
Nathela Talab				60	8	Z					1	
Patheda Talab				82	6	Z					26	
Ranpur	1377	41	Z	1630	33	Z	1037	35	Z		26CD	26CD
Ranthambore National Park	606	46		1226	49							
Rd 1458 to Rd 1427 of Ignp Shri	365	6	Y									
Rd 507, Head Seepage Wetland	1643	18	X							H		
Rd 764 Seepage Lake, Nada Minor	601	14	X							O		
Rd 954 Seepage Wetland of Ignp	146	9										
Sambhar Lake	3104	5	W	15244	14	X	31394	12	Y	2E		EK
Sas-Bahu Talab				15	6	Z					L	
Sri Kolayat	449	15	Z							1L		
Surwal Lake	6363	60		2165	38	W						
Umedganj	8853	35	Z	4862	31	Z	6979	33	Y		H	46F
Tamil Nadu												
Andiodai Eri				3338	22	X					3	
Bhavanisagar				422	17	V	3171	28	V		24AH	9HK
Boat House				341	9	Z					289AB	
Chembarambakkam Tank				12075	8						2F	
Choondakulam				171	12	Y						
Chungankadav				462	9	Y						
Earthern Dam				38	7	Z					G	
Enatur Tank				1290	3							
Game Hut Lake, Mudumalai				7	3	Z						
Glenmorgan Dam				26	2	Y					G	
Kalladivilai/Puthalam				148	21	X					G	
Kamarajar Sagar Dam (Sandy Nulla)				182	11	W					28ABH	
Kanoor				334	9	X	47	7	Y		4CDG	28FG
Karikili Bird Sanctuary				61	6							
Kaveripakkam Tank				11694	7							
Kavilipalayam				1320	17	W	2938	13	X		4CD	47FG
Keeranoor				254	10	Y	210	9	Y		4	46FG
Kongur Kulam (Kongoor)				1648	28	X	59	6	Y		4CD	6FG
Kunnathur Tank				2255	15	Y					F	
Madhvaram Jheel	427	12	X	309	11	X	445	15	X	7FG	FG	FG
Maduranthakkam Tank				580	1						F	
Mamandur Tank				16688	8						F	
Manodai Eri				651	13	X					3	
Maravakandi Dam				95	14	Z					289G	
Marlimund Dam				44	9	Z						

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Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Nilaiyur Tank				226	9	Z					F	
Ombetta Lake				36	8	Z						
Pichavaram Mangrove	3196	27	Y	5559	33	Y				47L	47FGL	
Simpson Estate	12175	11	X	20111	13	X	10194	12	X	1	1	1
Siruthavur				1665	2							
Sriperumbudur Tank				347	3						F	
Suchindram Tank	4459	26	Z							358G		
Swamy Thoppu Saltpan	8061	23	Z							G		
T.R. Bazar, Ooty				30	7	Z					68G	
Tenneri Tank				7400	1							
Thalaimalai				276	23	Y	198	20	Y		CD	467G
Thenkarai Tank				1267	11	Y					F	
Tiger Hills Reservoir				31	9	Z					8	
Ukkadam Tank (Eri)							10134	3	W			689AFH
Uthiramerur Tank				4985	3	Z						
Vadakarai Tank: Rajapalaiyam				952	12	Y					F	
Vedanthangal Bird Sanctuary				4290	6						L	
Vellode				873	14	X	2450	22	X		4CDFG	67G
Vettakudi-Karavetti Eri				6157	25	X	6821	15	X		FG	367FH
Walayaru Dam							382	19	Y			78EHK
Tripura												
College Tilla Lakes	2544	5	X							4589		
Gumti Reservoir	1472	14	X							2467		
Satar Mia's Haur	2147	11										
Trishna Lake							776	13	X			
Uttar Pradesh												
Amakhera Tank	3428	28	Y									
Ashpan	5256	37	Y							AF		
Bijnor Barrage				2842	28	X					FGK	
Corbett N.P. : Ramganga Barrage	172	17		539	21							
Dak Pathar	2861	33	Y									
Harevli Dam				4866	41	X					6FG	
Nawabganj Bird Sanctuary	437	15	X							3L		
Ramnagar (above Dam of Koshi River)	68	11									6F	
Seohara Estate Ponds & Wetlands				3714	44	Z						
Shaikha	2827	39	Y							6		
Yamuna R. : Agra				441	22							
West Bengal												
Ahira, Murshidabad				3760	25	X						
Alipore Gardens, Calcutta	787	9	Z	601	9	Z	967	7	Z	L	L	4L
Anara Rly Bandh (Tank)							1110	13	Z			48FH
Bagdebi Tola	10055	31					2424	18	Z	2G		6FH
Ballapur Wls (Jheels 1,2,3) & Lalbandh	1134	24	Z	2640	25	Z	1494	23	Z	L	03	0
Beko Irrigation Dam							1322	16	Y			FH
Bhagirathi River	2085	25	X							26FI		
Borti Bil	651	15	V							26AC		
Dabur Chaar, Canning, 4km along	2382	19		1550	20	Y	3612	21	Z	H	0	HL
Digha-Mohana							560	16	X			H
Domahani	3172	10	V				376	17	X	F		F
Dvc Barrage, Durgapur	3024	14					1815	17	W	6A		F
Gajaldoba Teesta Barrage							386	10	Y			FL
Hansmarir Char				23	1	Z					GL	
Jaldapara Wildlife Sanctuary				31200	17	Y						
Joka, Indian Institute of Management							996	18	Y			I
Kaal Danga				721	26	X					2F	
Kalyani Lake	3264	12	Z	893	11	Z	1830	14	Z	H	H	H
Kansabati Reservoir							22274	14	V			
Karnail Singh Park Dam, Chittaranjan	5603	29	Y	6373	28	Y	3954	25	Z	K	HL	0
Kol Beel, Somrabazar	4063	17	X	681	19	Y	728	14	X	ACDF	AL	56AFIL
Malatipur, Basirhat							533	8				FH
Mudiali Fishermen's Co-Op Soc.	1133	13		474	12	Z	380	12	Z		G	I
Taratola Road												
Nandikhola & Teesta Rivers	92	12	W							47G		

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Nandikhola R.: Sevoke				163	12	W					2L	
Palta Waterworks	5564	25	Y	4908	28	Y	6869	31				
Phulbari (Mahananda) Barrage							283	13	Y			
Rabindra Sarobar	173	7	Z	615	8	Z	333	7	Z	L	GL	
Rasar Char Purbasthali							5348	22				
Sagar Dighi	461	3	Z	786	1	Z				L		
Saheb Bandh	3313	21	Y				2454	20	Y	AL		8FGL
Salt Lake (N): Nalban Bheri	3132	9	Z	3890	18	Z	998	10	Z	H	HJ	H
Sankarpur Gangetic Isle Complex (11				3047	12	Z	2707	20				
Santragachi Railway Jheels				7157	14	Z	12567	15	Z		09	89
South Eastern Railway Centenary,	3374	14	Z							3		
Talsari				895	10	X					HL	
Tara Dam, Purulia							435	17	Z			6FG
Teesta R.: Siliguri-Teesta				426	18	X					2K	
Thenaichury Block - Mahananda Wildlife							171	21	W			
Sanctuary												
Tilpara Barrage							1037	5	Y			
Torsa Riverside- Jaldapara Wildlife							230	10	Z			
Sanctuary												
NEPAL												
Bagmati												
Bagmati R. Nr Kathmandu	143	7	Z	310	9						D	
Kapilvastu												
Banganga Reservoir Nr Taulinawa				6943	24						F	
Karnali												
Karnali R. Rajapur to Chisapani							1718	31				
Rara Lake, Rara N.P.	232	5	Z									
Koshi												
Koshi (Kosi) R. Barrage	23709	61	X	20725	80		23195	44				
Mahakali												
Ranital, Kanchanpur				222	12							
Narayani												
Hazzari Tal (Hagani Lake)	426	21	Y	713	19	X	247	15			4FGL	
Narayani R.+ Devi, Manna Tals	1255	29	X	2802	41					247CGL	57	
Rapti + Dungre R. (R.C.N.P.)	165	20	X	680	34	X					FG8	
Rapti R. and Lami Lake (R.C.N.P.)	626	36	X	57	10		458	34			4	
Rapti R. Kasara to Rapti/Narayani Confl.				936	39							
Sagarmatha												
Kamala R.				136	14	X						
Seti												
Ghodaghodi Lake				1004	21							
Nakhrodi Lake				40	9							
PAKISTAN												
Baluchistan												
Akara Dam	1819	22	Z	23909	13	Z	7426	14	Z	F	F	
Astola Island				3681	8	Z					H	
Chandi	653	17								FH		
Dasht Hor	2105	20	W							FH		
Ghazi Ghat				13214	59						67CDF	
Gwadar Beach	875	13		22944	22		24761	20	X	FHL	FH	
Hingol Hor	11638	25	W	1173	19	X	1709	19	X	FG	F	
Kalimat	5246	17								FH		
Kanki River	12	5	V	30	3	V	36	5	V	6	0	
Kund Lake	80	8	Z	284	14	Z	377	16	X	F	0	
Pasni Hor	361	16	Z	12544	32	Y	10836	30	Y	FH	0	
Puruli River	16	5	V	45	5	V	69	6	V	6	0	
Ras Juddi	1179	25	Z	8709	28	Y	5756	29	Y	FH	0	

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Shadi Kour Estuary	22	5	V	61	5	W	409	8	X		0	
Siranda Lake				4709	16	Z	4444	20	Z		F	
Sonmiani/Damb, Uthal	4705	20	W	7315	16	W	1077	19	X	FH	F	
Sur-Bundar Coastal Wetland	1137	25	Z	11168	20	X				FH	0	
Capital Fed. Territ.												
Rawal Dam				4197	20						8HL	
N.W.F.P.												
Darwazai Reservoir				9	3	Z						
Dera Ishmail Bridge				3355	29	Y						
Kabul River (40km Stretch)	285	10										
Kandar Reservoir				21	5	Z						
Khanpur Reservoir	190	3	Z	258	3	Z						
Tanda Reservoir				696	7	Z						
Tarbela Reservoir	1263	7	Z	4123	4	Y						
Thanedarwala				316	9	Z						
Punjab												
Chashma Barrage Reservoir	103751	25		13717	22	X					8FH	
Ghamagar Dhand	606	12										
Head Islam	447	11										
Head Marala Barrage	1884	25										
Head Qadirabad	2451	18										
Jhalar Lake	303	17		168	13	Z					6	
Kalar Kahar	3165	14										
Khabbaki Lake	9979	20		6516	19	Y					56FHI	
Kharal (Kharrar) Lake	3188	24										
Lal Suhanra (= Patisar) Lake	680	8										
Mondka Water Channel				9574	44	X					67FI	
Nammal (= Nermal, Nimal) Lake	821	18										
Rasul Barrage	7143	30										
Raugla				2722	32	Z					67FL	
Taunsa Barrage	3128	24										
Ucchali	11930	23		9812	22	Y					25678F	
Sind												
Cape Monze, Karachi				629	7	X	650	10	Y		0	
Clifton Beach				934	13	X	1850	17	X		L	
Hawks Bay- Sandspit				217	8		617	12	Y		L	
Hub (= Hab) Dam				5364	17	W	5690	19	X		FH	
SRI LANKA												
Wasgomuwa National Park				1068	23	V	1358	21				
Central Province												
Kandy Lake				55	8	Z	89	12	Z			
Kotmale Reservoir				450	8	X						
Mahaweli Ganga At Kandy				651	13	X	707	15	X			G
Nuwara Eliya Lake				11	3	Z	36	8	Z			2GIL
Ulthiya/Ratkinda Reservoirs	1266	7	Z							H		
Victoria Reservoir				402	13	X						
Eastern Province												
Kantalai Tank	1030	23	X	238	15	V						
Thambalagam Bay & Surroundings	4443	12	W									
Trincomalee Harbour	1585	12	X	215	14	V						
Trincomalee-Pulmoddai Coastal	3417	30	X	1041	21	W						
North Central Province												
Alutwewa	49	9										
Gengala Villu	708	13	W									
Giritale Tank	3146	7										
Kaudulla Tank	2542	18	W									
Meen Villu	499	17										
Velankadu Villu	671	26										

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	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
North Province												
Jaffna Lagoon Mouth				306	6	V						
Jaffna-Araly-Punani	944	24	X	1563	30	Z				G		
Kaithadi Kulam	1055	13	Y	791	20	Z						
Kilinochichi Paddies				262	6							
Uppu Aru Lagoon	6498	30	X	7149	38	Z				G		
Vadamarachichi Lagoon	155	6	V	6378	26	Z				H		
North West Province												
Anaivilundawa Tanks	2573	29	Z	124576	36		2712	40				
Ballala Tank (Near Maho)				1007	34	Z	25	6			2	
Barampola Tank							505	6				
Dutch Bay				790	14		4233	43	Y			
Hulugalla Tank							902	13				
Karikattai (Pottuvillu) Tank	84	12	Z	1379	19	Y	2467	24	Y			
Katupatha Tank	1668	31	Z									
Kobegane Tank				765	35	Z	495	10				
Magala Tank							230	15				
Mundel Lake	1181	38	W	8409	37		951	23		46M		
Munnessaram Wewa (Tank)				662	21	Y						
Nabadan Kulam (Jayaradhapura)	630	26	Y	4427	16	Y	1720	18	X		23FG	
Pomparappi Karaitivu							1466	29	Z			
Puttalam Lagoon	4131	36	Y	10112	33		2050	39	X			
Puttalam North Salt Pans	7751	26	X	6019	24		8128	34	X			
Tabbowa Tank	98	11	X	643	18	Y	887	22	X			
Thumbulla Tank				760	41	Z	738	19				
Uddapu-Chilaw Coast	677	28	X	2676	32		219	15			89I	
Usgala Siyambalangamuwa Tank				2852	32	Y						
Yakdessawa/Narawila Paddy Fields	649	16	X							CD		
South Province												
Attargoda Mangroves				444	21	X	276	15	X			
Badagiriya Tank				323	7	X	850	10	Y		G	
Bentota Spit, Estuary, Seashore	916	18	X							4CDL		
Bundala Sanctuary	6159	47	X	12086	62	X	11484	71				
Chandrika Wewa Tank	239	8	W	75	4	W	97	5	X	6K	6	
Galle Harbour & Surrounding Coast	97	8	X	99	13	Y	65	9	Y	89BH		
Hambantota Lewayas	2460	35	X	7299	46	X	4844	39	X			
Kalametiya-Lunama Sanctuary	6557	58	Y	7625	59	Y	6547	57	Y	467E		
Kirinda-Palatupana	1513	23	X	9445	43		2677	45	Y	G		
Koggala Lake	369	20	X	220	18	X				6AGL		
Lunugam Vehera Tank	273	10	W	280	10	W	518	13	X	K		
Maadu Ganga	823	17								68CD		
Mamadala Wewa	223	9	X	126	7	X	121	8	X	6		
Mawella Kalapuwa	127	7								8		
Nakulugamuwa Marsh	9	3	W							0		
Rekawa Kalapuwa				225	27	X					0	
Ridiyagama Tank				717	12	X	1006	18	X		G	G
Tangalla Marshes	189	14	W							67CD		
Uda Walawe Tank	461	12	X	317	9	W	145	8	X	6GK		
Wakwella Marshes	336	21	X	190	17	X	164	15	X	6CD		
Walahanuwa Paddy Fields	334	10	X	246	11	Y	266	8	X	CD		
Wirawila-Tissa Tanks	2616	23	Z	3513	22	Y	4494	26				
Yala Block 1 (Palatupana to Yala)	959	41	X	798	19	W	2070	42	Y	G		
Western Province												
Battuwandera Pahala	130	14	W							6I		
Bellanwila-Attidiya Marshes	652	28	Z	1180	38	Z	182	18	Y			
Bolgoda Lake South	633	13	W	1455	19	Z	382	13	W	ACF		
Colombo Coast & Beira Lake	780	18	Z	603	15	Z	591	20	X			
Heralathotupola	33	9	V							46I		
Kalutara Beach	726	12	X							68CD		
Kotte Marshes	813	26	Z	685	32	Z						
Loolwala, Kindelpitiya, Kitulgahawala	72	11	X							9		
Matipiripahaduwa Kaolin Refinery	115	8	X							E		

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Muthurajawela	124	12	V	128	17	V	201	14	W	I		
Negombo Lagoon	311	15	W	1210	34	Y	115	16	W	2489AB		
Pitavila Paddy Fields	57	8								6		
Rambukkana 6/12 Bridge Horana-Panadura Road	13	5	W							6		
Thalangama Tank							132	16				
Werahera Werasganga	73	14	V							3H		
SOUTHEAST ASIA												
BRUNEI												
Belaït												
H14 Dump Site, Seria	15	7	Y	13	4	Y	26	8	Y	3	3	3A
Sungai Bera Estuary	75	10	Y	49	8	Z	229	13	Y	I	I	AB
Sungai Seria Estuary	67	12	Y	145	20	Y	293	17	Y	K		BG
Wasan	453	18	W	241	15	X	162	13	X	CD	3C	3G
INDONESIA												
Aceh												
Dujung Batee							11	1				
Krueng Aceh (Sungai Aceh)							351	8				
Pulau Weh							146	7				
Balaesang, C Sulawesi												
Genting Island	25	3										
Pasoso Island	218	5	Y							0		
Ball												
Benoa Port							4888	15				
Canggu Kuta				130	4	V					6	
Gilimanuk Bay	259	10										
Hutan Prapat Benua				446	4	V					I	
Kedongan				144	7	V						
Kuta							107	4	X			68L
Lagoon Nusa Dua							109	13	X			58
Nusa Dua Sewage Ponds	2450	16	Y	671	14	Y	210	11		GL		34F
Petulu Ubud				7776	4	Z						
Suwung Beach	1068	31	Y	320	4	Z	325	11	Y	G		28
Suwung Interior	939	19	Y	1854	15	Z	93	4		3	3	3
Tuban							27	8	X			28
Pulau Serangan (Turtle Island)	1274	16	Z	3716	17	Y						
D.I. Yogyakarta												
Ambarukmo Palace Hotel Yogyakarta				104	1	Z						
Sri Wendari Hotel Yogyakarta				243	2	Z						
Java												
Blitar				244	4	Y						
Cerbonyan, Banyubiru				60	3	V					CD	
Ciuepuh	35	9	W							CDL		
Desa Tambak Harjo Keci Semarang							80	5				2H
Kecamatan Pace				20	2	X						
Muara Angke	137	13	V									
Muara Gembong/Ujung Uarawang	2625	26								45CDF		
Tanah Mas				77	8	V					89IL	
Bulu-Bogem, Begoro Anak Estuary	151	4	V							4		
Kalimantan												
Danau Sentarum							632	14	W			FH
Kendawangan												
Muara Kendawangan	136	15	W							4		

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Site totals of birds and species counted during the Asian Waterfowl Census 1994-96

Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Sulawesi												
Arakan Wowontulap				117	18							
Kema				195	15							
Likupang				153	21							
Tondano				287	22							
Rhiod Karimun												
Kolong							8	5	V			FG
Tanjong Balai							17	2	W			1
Sumatra												
Banyuasin Delta	76230	28	X								4FG	
Bagan Percut							4348	23				
Tanjung Balai Asahan							279	9				
Telang Canal	58	12	Z							J		
Sumbawa												
Jereweh	118	10	Y								46I	
Taliwang Lake	538	14	Y								6FI	
LAOS												
Nakai Plateau (Ban Nongbowa)	416	14	Y								67FG	
MALAYSIA												
Kuala Lumpur												
Batu (Ex-Mining Pools)	40	6									689CDG	
Penang												
Batu Maung	1035	23	Y								4J	
Perak												
Pasir Bogak Area, Pulau Pangkor	15	5	X							L		
Perlis												
Timah Tasoh Dam							934	9	X			F
Sarawak												
Asajaya/Pendam				1235	18	Y	1082	12	Y		H	H
Bako National Park and Surrounds				380	7	Y	0	0	Y			9HL
Buntal Bay				1636	18	Y	1767	13	Y		9H	9H
Kuching Airport/Racecourse				56	7	Y	67	5	Y		1	
Santin				198	7	Y	92	7	Y		H	H
Santubong Bay							66	6	Y			HL
Semengok Fisheries Centre				90	15	Y	98	20	Y		1	
Selangor												
Batang Berjuntai (Ex-Mining Pools)	60	13	W							J		
Genting Kelang Ex-Mining Pool							63	10	Y			58GI
K Selangor Np Freshwater Marsh	39	9										
Kapar Power Station Phase II	13384	27	Y	3882	23	X				I	I	
Pulau Tengah, S. Tip (Klang Islands)	15949	27	Z									
Subang Jaya (Ex-Mining Pools)	41	7	Y							GJ		
Sunway Mining Pools	41	4								8AEG		
Ulu Yam Bharu Ponds + Vegetable Farm							26	7	X			OG
Ulu Yam Lama Pond							12	5	X			0
Ulu Yam Mining Pools	163	17	Y							38569C		
Terengganu												
Kenyir Lake/Dam							1	1	W			KL
MYANMAR												
Hlawga Wildlife Park	320	11	Y	3109	13	Y	853	10	Y	L	L	
Inle Lake	6348	23								FGL		
Kyetmauktaung Dam	1891	13	Y							6HK		
Letkok Kon	13325	18	Y							H		

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Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Mong Pai				29313	30						6K	
Moyingyi	7936	18	X	11466	25	X	19534	34	Y	67DFH	6G	6G
Weththi Kan	69	6	Y							26G		
Ayeyarwady												
Meinmahla Kyun	2091	10	X							GH		
Magway Division												
Vishnu	212	16								6G		
Mandalay												
Kye-In	1692	15		1818	13					G		
Minhla-Nyaung Lake	8984	12		2182	16						6	
Sagaine Division												
Chindwin River				839	16	X					2	
Indawlay Lake	490	17		906	18					G		
Katha				392	13							
Motar Lay	8074	24								6FG		
Naung Maw Lake				241	12	Y					6FGH	
Pet Let In	336	11		384	7							
Tamanthi Mayinle Lake				1330	25	Y					6	
Yangon												
Hlawga Reservoir	2083	12		2083	12	X	966	13	X	1	1	
Phugyi Reservoir				1965	23	Y					46G	
PAPUA NEW GUINEA												
Central												
Aroa Lagoon	103	6	X									
Hisiu Lagoon	32	3	X									
Lake Laraguma and Lake Bunu	216	13	Y									
Lea Lea Beach	92	13	Y									
Lea Lea Salt Flats	333	10	Y									
National Capital												
Moitaka Settling Ponds	104	14	Y									
PHILIPPINES												
Ajuy, Sara, San Dionisie, Iloilo	1592	37								1		
Alubijid Wetland	301	13										
Arevalo-Manduriao	132	5	W									
Barangay Kari Mayor, Leganes	61	6	Z									
Barangay La Paz, Carmen, Davao	7396	48										
Barangay Abuanan	58	3	Z									
Barangay Alegria	979	7										
Barangay Igpit And Barra Opol	144	4	Z									
Barangay San Antonio	1093	8										
Bonifacio Wetland	670	26	X									
Buguey	239	5	X									
Cagangohan, Panabo	2118	31								05G		
Calanan Rice Paddies	96	2	W									
Calauag Rice Paddies	0	0										
Camocaa, Paligue, Padada	1918	27								9CG		
Candaba Swamp	3038	15										
Carigan Bay Wetlands	988	17	Z									
Crispin Betita Fishpond	202	13	Y							4H		
Davao River Mouth East	1251	8										
Davao River Mouth West	1693	7										
Hinaktakan, Bitu-On, Lapaz-Jaro	1124	7	Z									
Islands Of Calituban & Tahong-Tahong	44	3	Z									
Kumalauit Coastal Mudflats	102	10										
Las Bonas Rice Paddies	2	1	Z									
Layasan	116	3	Z									
Mahaba Island	169	13	Z									

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Region/Name	1994			1995			1996			Threats/Uses ¹		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Malalag Bay, Davao Gulf	444	16										
Malandog	3459	6	X							6		
Malunang, Zaitaga	421	9										
Manila Bay (Cavite Area)	10152	16	W							H		
Manila Bay (Puerto Rivas, Balanga)	3383	13										
Murcielagos Islands	5428	10										
Nazaret	300	1										
Olango Island	724	15										
Ormoc Intertidal Flat	485	17	Z									
Pagbilao	498	14	W									
Palau Island, Sta. Ana	86	7	X							4GL		
Panglao Island	50	12	Z									
Paos	777	4										
Porfirio, Roman, Ferdie Santos Fishpond	520	24	Z							4H		
Pzay	55	2	W									
Ragay Gulf	161	14	V									
San Luis Marshland	278	2										
San Ramon Seacoast, Zbga City	205	3										
Sebaste and Vicinities	302	2	X									
Sinacaban Mangrove Reforestation Site	185	12	Z									
So. Catali, Binicuil	2120	8	V									
So. Malabong, Andolawan	1152	6	V									
Talon-Talon Wetland	1756	18	W									
Tanag, Umlilig, Cansilayan	507	6										
Tiwi, Laste Lanas	1363	6	Z									
SINGAPORE												
Changi Central	18	4	Y	125	9		607	16		J		
Changi North	11	3	Y				7	3		0		
Changi South	35	6	Y				2	1		0		
Khalib Bongsu	432	15		799	17		262	16		0		
Krangi Mangroves	54	3	W							9		
Kranji Reservoir + Estuary	97	11		88	8		53	9		4G		
Pasir Ras Mangroves and Mudflats	331	14	X	36	12		69	8				
Pulau Sakijang Bendara (St John)				7	3							
Pulau Ubin				49	8		132	17				
Pulau Ubin North (Punggol)	131	19	X							1L		
Punggol				648	15		795	13				
Punggol Grasslands	621	25	Y				0	0		GJ		
Senawang Park				14	6							
Senoko Prawn Ponds (Sungei)	312	18	X	126	17					4L		
Sentosa Island				2	2							
Sungei Buloh Bird Sanctuary	209	20	Y	428	21		1243	20		L		
Sungei Mandai & S. Pansua Mudflats	2662	20	Y	1487	12		1430	14		19G		
Sungei Poyan	53	6	W	36	10					4		
Sungei Seletar Reservoir	1026	16	X	503	13		920	12		0GL		
Sungei Serangoon Estuary + Ponds	727	28	Y	496	33		709	36		39I		
THAILAND												
Asian Institute of Technology	194	10	X							24I		
Samut Songkhran Salt Pans	227	5	Z									
Ayutthaya												
Vittayalai Rajmongkol Hantra University				10100	2	Y					0	
Wat Tarn En							911	9	Y			
Chiang Mai												
Mae Taeng Irrigation Project	62	7	Z							4I		
Pan-Cheang Lake	4270	7	Y									
Suan Vanida	1591	6	Y	1989	7							
Chiang Rai												
Mekong River (Chiang Saen to Sub							427	10	X			
Mekong River (Chiangsaen to Chiang							77	7	W			
Nong Bong Khai	2473	20					3210	20	Y	GL		56H

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Region/Name	1994			1995			1996			Threats/Uses ³		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Nong Kraeb	30	6					108	6	Z	G		0
Nong Phayang							43	4	X			
Rim Kok							35	6				L
Krabi												
Pak Nam (Krabi Mangroves, River Tha Maprao)	537	19	X	65	9	W				HIL		
Nakhon Pathom												
Kasetsart University (Kampaengsaen)	8278	13	Y									
Nakhon Ratchasima												
Nong Phak Chi, Khao Gai Yai National	17	2	Z							1		
Nakhon Sawan												
Beung Boraphet	20060	22										
Pathumthani												
Rangsit Marshes	835	24	Y							5AM		
Pattani												
Psu Campus	235	13										
Phattalung												
Thale Noi Non Hunting Area	2370	22	V							46FG		
Prachuap Khiri Khan												
Khao Sam Roi Yot N.P.	5230	35	V	971	42	V					467FG	
Samut Songkhran												
Khong Khong	1364	21	W							M		
Suphanburi												
Ban Pla Ma							400	11	Y			
Bung Cha-Vak	38651	26	Y	17681	23	X	2228	15	Y	3H	GL	2358H
VIETNAM												
Cam Ranh Bay							1485	16	X			I
The Nam Cat-Tien National Park				1229	29	V					G	
EAST ASIA												
CHINA												
Anhui												
Shengjin Hu	7898	19					7910	19	W			
Gansu												
Lanzhou				471	9	Z					19AB	
Guangdong												
Futien Reserve	6625	24	Y									
Guizhou												
Caohai Reserve				997	2							
Henan												
Heigangkuo				1874	18	V					4F	
Yellow River, Hei Gang Kuo	6941	22										
San Men Xia Reservoir (Swans Nature Reserve)				2457	19	V					6F	
Hunan												
Chaishang							4799	19				
East Dongting Lake							102610	53				

**Site totals of birds and species counted during the
Asian Waterfowl Census 1994-96**

Region/Name	1994			1995			1996			Threats/Uses ¹		
	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Jiangsu												
Dongsha Islands				22200	19	X					1H	
Guandong Salt Works				18031	27	Z					4FHJ	
Sheyang Gang Estuary	5388	19										
Sheyang Salt Works	82073	30		26681	48	X					4HJL	
Yancheng Nature Reserve	12982	31		14365	31		114493	59	X			469CD
Sinkiang												
Daquangou Reservoir				1032	4	X					GKL	
Moguhu				1368	4	W					8GK	
Xinjiang												
Qingedahu				583	2	X					68FHIK	
Yunnan												
Dianchi				30000	1							
Zhejiang												
Sanmen Wan				1250	27							
Xiang Shan Estuary				956	17							
HONG KONG												
Deep Bay - Combined	35,882	37	Y	48,089	38	Y	67910	38	Y			
Pak Mai-Mong Tseng	1474	13	Y	192	11	Y						
Yim Tso Ha/Starling Inlet	602	14	Y	370	5	Y	300	9	Y			
New Territories												
Nam Sang Wai				1789	18	Y	681	12	Y			
Shuen Wan	895	13	Y	12668	40	Y	437	15	Y			
JAPAN												
Issiki Salt Farm	83	10		48	5		146	13				
Sagata-Kamisagata-Mitaragata	14644	17										
Alchi												
Fujimae Tidal Flat	11319	33	Z	13883	30		13237	28				
Kiso River				5556	30		12872	28				
Kiso River Mouth	7413	24										
Shiokawa Tideland	6879	33		6725	35		170152	41				
Mouth of the Toyokawa	79673	40		31475	40		21263	39				
Mouth of the Yahagifurukawa	2081	5		25773	15		5215	20				
Uno Pond	1569	9		3288	12		1922	10				
Aomori												
Ogawara Lake	5240	16		9895	16		10444	20				
Chiba												
Futtsu	8890	17		7161	21		7302	18				
Gyotoku	31310	32	Z				7915	31				
Obitsu River Estuary	3494	26		9163	28		5944	25				
Sambanse	42690	22		33083	19		87086	22				
Yatsu Tidal Mudflat	3500	24		5655	25		5720	24				
Fukuoka Prefecture												
East Region of Ariake Sea	5312	20	W	3284	16		3328	19				
East Region of Hakata Bay	27168	44	Z	16478	47		35507	43				
Imazu	6764	11	Z	3375	35		8444	25				
Gifu												
Nagara River	10338	17		6851	13		15391	26				
Hokkaido												
Akkeshi Lake	8735	21	Y	2023	14		3267	13				
Kushiro Marsh And Surrounding Rivers	370	4	V	882	24		413	5				
Kushiro River (Sewerage Station)							102	8				
Kussharo Lake							545	4				

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	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	Birds ¹	Species	Coverage ²	1994	1995	1996
Lake Furen	3002	18	V	533	16		2405	15				
Marsh Kiritappu	327	8	Z	89	5		311	9				
Notsuke Bay				621	8							
Utonai Lake	1322	4	Z	1051	7		1272	12				
Ibaragi												
Hinuma	5617	13	Z	3831	20		4554	18				
Kasumigaura	34462	19	Z	30301	36		50816	37				
Kitaura	8239	15	Z	7505	25		13395	38				
Sugao Marshes	2994	12	Z	1971	12		1984	12				
Ishikawa												
Kahokugata (Kawakitagata) 0007	10947	26	Z				21014	29				
Kamo-Ike	4179	15	Y	7110	15		4773	14				
Kagoshima Prefecture												
Izumi	10900	22	Z	10284	27		10087	25				
Miyage												
Izunuma	23091	18	Z	6511	17							
Gamo Tidal Flat	465	23	Z	349	20		444	24				
Kabukurinuma (Kabukuri Pond)	3406	7	Z	30	7							
Niigata Prefecture												
Asahi-Ike (Asahi Pond)	3423	8										
Hukushima Innings	6710	12										
Tayanogata	11431	9										
Okinawa												
Manko	455	16	Z	567	25		1126	31				
Onaga							1011	31				
Anpal	137	14										
Osaka												
Nanko Yacho-En (Nanko Bird Sanctuary)	1684	23	Z	261	22		425	21				
Yodogawa River	10756	34		11859	32		6846	34				
Shimane												
Nakaumi	75883	16		70673	41		76860	37				
Shinji Lake	18199	34	Z	16806	35		20868	33				
Shizuoka												
Hamana Lake	28774	33	W	29548	39		44557	35				
Okegaya Marsh	2788	13	Y	3216	15		2617	19				
Tenryu River Mouth	2458	19	Y	4719	17		2272	16				
Tochigi												
Watarase Marsh	10534	19	X	8454	21		8242	20				
Tokushima												
Yoshinogawa Estuary 0004	2489	17		2373	18		2583	22				
Tokyo Metropolis												
Tokyo Port Bird Park	6292	28		3969	29		3386	25				
Yamaguchi Prefecture												
Ajisu Tideland	2484	28	Y	1699	25		3154	32				
Yashiro	22	3	W	26	1		26	3				
KOREA												
Ah-Ya-Jin Port				1730	11	Z	670	15				
Asan Bay	4158	8	W				29807	18			AGIL	
Asan Lake	8090	6	W	15513	12	Y					CL	
Bong Po				130	3	Z	673	15				
Ch'olwon Basin	6404	9	Y	6372	7	Y	3164	5	X		6DL	

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Ch'ongch'o Lake				1584	11	Z	2582	17	Z			
Cheon Su Bay	15240	28	Y							L		
Chonsu Lake				171988	33	Y	70653	30				
Go Jin Port				320	3	Z	44	6				
Han River				23559	17	X	14673	18			GI	
Han River Estuary				23771	19	Y	26838	20	Y			
Hwajinpo Lake				580	10	Z	650	15	Z			
Inku							125	2				
Jongam							147	5				
Kanghwa Island				767	5	Y						
Kong Hyun Jin				256	7	Z	306	9				
Kum River				74720	24	Y	51636	18	Y			6F
Kyongp'o Lake				5124	11	Z	2860	19	Z			
Nakdong Estuary	25716	31	Z	32547	28	Z	31854	36	Z			
Namyang Bay				280	10	Y	3671	17				
Nonsan Reservoir							21388	14	Z			
Sannam, Ch'unsan, Tongp'an, Junam Reservoir				22685	21	Z	3975	21	Z			
Sapkyo Lake	27535	8	W	20105	13	Y	13104	17		L		
Song'chi Lake							406	7				
Songsanp'o Lake	2996	18	Z							6L		
South Kanghwa Island: Yocha-Ri	1078	8								6CL		
Taeho				11168	22	Y	24509	17				
Taejin				101	8	Z	190	10	Z			
Taesong'dong, Panmunch'om Marsh	567	6	Y	666	8	Z						
Upper Kum River Estuary	16606	16	Y							L		
Yedang Reservoir							14122	13	Z			
Yongjin							125	5				
Youngjong Island				746	9	Z						
Youngrang Lake				760	10	Z	221	10				
TAIWAN												
Cheng-Ching-Hu (Lake)	36	5	Y	72	8	0				4	0	
Li-Yu-Tan							225	8	Z			
Lin-Pien-Chi(Hsi)							1256	14	Z			0
Nan-Kang	1548	28	Z							089G		
Ta-Chia River				2942	17	0	963	9	Z		8F	9
Changhua Hsien												
Han-Pao	2295	22	Z	9130	63	X	7597	40	Z	8	4I	
Ta-Tu-Hsi (River) S.	7386	18	Z	4930	22	Y	5684	35	Z	9AGI	89AI	A
Chiayi Hsien												
Ao-Ku	3065	34	Z	2596	29	X	4998	37	Z			I
Tung-Shih-Chiao (Yun-Chia-Chiao)							2016	9	Z			0
Chin-Men												
Chin-Men Island	2895	37					3844	41	X	34I		0
Chinyi Hsien												
Pu-Tai	1899	22	Z	5204	22	W	636	20	Z		0	0
Hsinchu												
Ku-Liao	3444	29	Z	1409	23	X	6951	33	Z	6789AGI	48IK	89A
Hualian Hsien												
Hsiu-Ku-Luan-Hsi River	1629	21	Z	4023	21	Z	4564	24	Z	789ACE	89GD	
Hwa-Lien-Chi							1806	31	Z			A
Ilan Hsien												
Chu-An	2252	38	Z	3018	39	Y	4033	32	Z	H	69	
Lan-Yang-Hsi (River)	531	12	Z	2853	26	Y	3822	41	Z	68FG	68H	
Li-Tse	1538	21	Z	4329	27	Y	2978	26		9AJ	9	6
Wu-Wei-Hsi (Kang)	4239	14	Z	1054	17	Y	283	10	Z			

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Kaohsing Hsien												
Feng-Shan Reservoir	113	12	Y	426	6	0				F	0	
Kao-Ping-Hsi (River)	404	26		129	8	0				34689A	0	
Yung-An							3260	16				
Penghu												
Cheng-Kung Reservoir	21	3	W				25	8	Z	9IK		
Chi-Tou	625	9	W	111	9	Y	340	13	Z	I	9I	
Chin-Row	414	10	W	122	8	Z	480	21	Z	I	8GI	
Chung-Kuang	118	10	W							19GIM		
Sin-Jen Reservoir	327	22	W	147	16	Y	554	24	Z	9I	49GK	
Pingtung												
Lung-Lan-Tan	2122	38	Z	2438	28	Y	1644	24	Z	3679DF	679G	0
Tainan Hsien												
Szu-Tsao				5941	32	Z	16681	48	Z		I	0
Tseng-Wen Chi (River)	1286	17		1987	18	Z	3549	24		6GI		GI
Taipei												
Chin-Shan				38	14	Z	181	12	Z		6	
Chun-Cheng-Chiao	1119	11	Z	4652	19	Z	4209	13		8L	0	
Chung-Kuo-Hai-Chuan (She-Tzu)	5112	20	Z				6260	24	Z	89AGIL		8G
Guandu (Kuan-Tu) Marsh	736	18	Z	1947	16	Y	3751	25	Z	39AGI	38	89I
Hua-Chiang-Chiao (Bridge On Tanshui)	3207	17	Z	1836	8	Z	1347	16	Z	8L	8KL	
Hua-Chun-Chiao	998	13	Z	4501	11	Z	955	12	Z	48JL	8L	
Li-Nung							1766	10	Z			
Wa-Tsu-Wei	426	8	Z	266	14	Z	1234	16	Z	489GIL	3L	
Taitung Hsien												
Chih-Shang	194	8		37	6	Z				3I	6JL	
Hsin Wu Lu Hsi (River)	12	3	Z							0		
Ma-Wu-Ku-Chi							186	11				
Pei-Nan-Hsi (River)	1191	17	Z	1885	15	Z	1023	16	Z	03689E	6EJ	
Tai-Ping-Hsi River	51	10		342	22	Z	445	19	Z		89	
Ta-Yuan	711	12	Z	1588	22	Z	606	21				
Yunlin Hsien												
Cho-Shui-Hsi S.							1596	5	X			
Wen-Kan-Chiao							1028	10	Z			0

Notes: ¹ Numbers of birds and species include all waterbirds and raptors. Number of species refers only to identified species. Zeros indicate no birds or species recorded. Blanks indicate no counts or information were received.

² Coverage of wetland: V - up to 25%, W - 25-50%, Y - 75-99% and Z - 100%. A blank indicates that no information was received.

³ Uses and threats (as recorded on count forms): 0-Unknown; 1-None; 2-Sedimentation; 3-Excessive overgrowth of vegetation; 4-Cutting/clearance of vegetation; 5-Eutrophication; 6-Agriculture along dry margins; 7-Excessive cattle grazing; Pollution by, 8-Domestic sewage; 9-Solid waste, A-Industrial waste; B-oil; C-pesticides; D-fertilizers; E-mining; F-Hunting/trapping/poaching of birds; G-Little fishing; H-Large scale fishing; I-Partial reclamation; J-Complete reclamation; K-Dam/barrage construction; L-Tourism/recreation. A blank indicates that no information was received.

1994-96 Asian Waterfowl Census Counts

APPENDIX IV

Common Name	Latin Name ¹	BTW ²	CMS ³	South Asia			Southeast Asia			East Asia		
				1994	1995	1996	1994	1995	1996	1994	1995	1996
DIVERS												
Pacific Diver	<i>Gavia pacifica</i>										1	
Red-throated Diver	<i>Gavia stellata</i>										1	7
GREBES												
Little Grebe	<i>Tachybaptus ruficollis</i>			16,924	16,923	28,069	638	648	2,292	1,277	1,945	3,325
Australian Little Grebe	<i>Tachybaptus novaehollandiae</i>						2					
Red-necked Grebe	<i>Podiceps grisegena</i>		II	32	12	8				5	2	
Great Crested Grebe	<i>Podiceps cristatus</i>			2,378	1,578	3,432		1		1,685	2,304	2,111
Slavonian Grebe	<i>Podiceps auritus</i>		II							43	6	52
Black-necked Grebe	<i>Podiceps nigricollis</i>			695	1,188	929				810	1,522	2,326
Unidentified Grebes	<i>Podicipedidae</i>			82	301	32					23	31
PELICANS												
Great White Pelican	<i>Pelecanus onocrotalus</i>		I	2,118	1,740	1,579						
Spot-billed Pelican	<i>Pelecanus philippensis</i>	VU		2,421	1,547	2,213						
Dalmatian Pelican	<i>Pelecanus crispus</i>	VU	I	204	351	16				18	21	23
Unidentified Pelicans	<i>Pelecanus spp.</i>			3,503	1,024	45	3	7				
CORMORANTS & DARTERS												
Little Black Cormorant	<i>Phalacrocorax sulcirostris</i>						55					
Great Cormorant	<i>Phalacrocorax carbo</i>			8,164	12,172	11,306	73	166	1	14,150	17,345	23,222
Indian Shag	<i>Phalacrocorax fuscicollis</i>			9,238	8,217	6,584	155	15	150			
Japanese Cormorant	<i>Phalacrocorax capillatus</i>									43	165	123
Pelagic Cormorant	<i>Phalacrocorax pelagicus</i>									4	38	204
Pied Cormorant	<i>Phalacrocorax varius</i>						2					
Little Pied Cormorant	<i>Phalacrocorax melanoleucos</i>						10	4	6			
Little Cormorant	<i>Phalacrocorax niger</i>			75,332	47,828	58,930	993	935	189			
Unidentified Cormorants	<i>Phalacrocorax spp.</i>			1,128	2,055	280	104			352	29	63
Oriental Darter	<i>Anhinga melanogaster</i>	nt		1,516	1,045	1,022	120	97	26			
HERONS, EGRETS & BITTERNS												
Grey Heron	<i>Ardea cinerea</i>			4,831	6,261	7,162	472	249	190	4,068	4,632	7,254
Imperial Heron	<i>Ardea imperialis</i>	EN		5	1	1						
Sumatran Heron	<i>Ardea sumatrana</i>	nt					1	13	5			
Goliath Heron	<i>Ardea goliath</i>			3	6	4						
Purple Heron	<i>Ardea purpurea</i>			1,269	1,015	2,476	673	363	390	6	9	127
Great White Egret	<i>Egretta alba</i>			12,684	17,140	15,584	1,686	243	391	2,259	2,102	3,213
Pied Heron	<i>Egretta picata</i>						3					
Intermediate Egret	<i>Egretta intermedia</i>			10,653	8,683	10,863	3,846	1,342	269	342	201	289
Western Reef Egret	<i>Egretta gularis</i>			299	1,231	738						

1994-96 Asian Waterfowl Census Counts

APPENDIX IV

Common Name	Latin Name ¹	BTW ²	CMS ³	South Asia			Southeast Asia			East Asia		
				1994	1995	1996	1994	1995	1996	1994	1995	1996
Little Egret	<i>Egretta garzetta</i>	EN	I	35,472	42,243	38,344	6,190	1,062	534	4,588	7,231	5,914
Chinese Egret	<i>Egretta eulophotes</i>			330	7	4		5	2			
Eastern Reef Heron	<i>Egretta sacra</i>			43	132	126	10	6	20			
Cattle Egret	<i>Bubulcus ibis</i>			52,408	47,385	58,694	6,187	9,302	799	546	1,984	1,653
Unidentified Egrets	<i>Egretta/Bubulcus</i> spp.			6,368	1,427	4,511	4,018	294	353			
Indian Pond Heron	<i>Ardeola grayii</i>			29,081	29,362	26,046	19	320				
Chinese Pond Heron	<i>Ardeola bacchus</i>			278	530	82	519	204	220	245	384	251
Javan Pond Heron	<i>Ardeola speciosa</i>						1,312	938	491			
Unidentified Pond herons	<i>Ardeola</i> spp.				9		229					
Green-backed Heron	<i>Butorides striatus</i>			246	1,831	350	211	185	126	2	2	4
Black-crowned Night-heron	<i>Nycticorax nycticorax</i>			8,742	12,706	7,541	3,594	1,126	149	1,591	2,834	3,703
Nankeen Night-heron	<i>Nycticorax caledonicus</i>						41	2				
Malayan Night-heron	<i>Gorsachius melanolophus</i>			2	3							
Yellow Bittern	<i>Ixobrychus sinensis</i>			144	188	207	107	111	49	10	6	11
Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i>			251	199	180	42	46	15	7	9	20
Black Bittern	<i>Ixobrychus flavicollis</i>			129	151	170	2		2			
Unidentified Bitterns	<i>Ixobrychus</i> spp.						3	4				
Eurasian Bittern	<i>Botaurus stellaris</i>	II		20	18	1			3	11	2	
Unidentified <i>Ardeidae</i>	<i>Ardeidae</i> spp.				3,962	280			150			1
STORKS												
Milky Stork	<i>Mycteria cinerea</i>	VU					227		158			
Painted Stork	<i>Mycteria leucocephala</i>	nt		2,422	3,627	6,061		1				
Asian Openbill Stork	<i>Anastomus oscitans</i>	nt		19,920	22,930	20,929	1,258	1,176	2,701			
Black Stork	<i>Ciconia nigra</i>		II	131	146	186				1		9
Woolly-necked Stork	<i>Ciconia episcopus</i>			538	437	467	4	62	1			
Storm's Stork	<i>Ciconia stormi</i>	EN					1		8			
White Stork	<i>Ciconia ciconia</i>		II	188	38	41						
Eastern White Stork	<i>Ciconia boyciana</i>	EN	I							151	378	248
Black-necked Stork	<i>Ephippiorhynchus asiaticus</i>			146	63	41	26	2				
Greater Adjutant Stork	<i>Leptoptilos dubius</i>	EN		33	14	30						
Lesser Adjutant Stork	<i>Leptoptilos javanicus</i>	VU		441	229	331	113	36	8			
Unidentified Storks	<i>Ciconiidae</i> spp.			27	250	170		4				
IBISES & SPOONBILLS												
Black-headed (White) Ibis	<i>Threskiornis melanocephalus</i>	nt		5,183	7,343	5,296	59	4	51	2		1
Black Ibis	<i>Pseudibis papillosa</i>	nt		1,521	727	990						
Glossy Ibis	<i>Plegadis falcinellus</i>		II	5,096	948	1,035	2	4	3			
Unidentified Ibises	<i>Threskiornithidae</i> spp.				20							
White Spoonbill	<i>Platalea leucorodia</i>		II	4,646	4,026	2,365				293	80	881
Black-faced Spoonbill	<i>Platalea minor</i>	CR								254	338	329

1994-96 Asian Waterfowl Census Counts

APPENDIX IV

Common Name	Latin Name ¹	BTW ²	CMS ³	South Asia			Southeast Asia			East Asia			
				1994	1995	1996	1994	1995	1996	1994	1995	1996	
FLAMINGOES													
Greater Flamingo	<i>Phoenicopterus ruber roseus</i>	nt	II	14,291	8,637	23,413							
Lesser Flamingo	<i>Phoeniconaias minor</i>		II	10,587	17,273	35,534							
Unidentified Flamingoes	<i>Phoenicopteridae</i> spp.			26	3,000	761							
SWANS, GEESE & DUCKS													
Spotted Whistling Duck	<i>Dendrocygna guttata</i>	II						46					
Fulvous Whistling Duck	<i>Dendrocygna bicolor</i>			38,251	17,304	23,247							
Wandering Whistling Duck	<i>Dendrocygna arcuata</i>						63		404				
Lesser Whistling Duck	<i>Dendrocygna javanica</i>	VU		129,822	236,315	155,482	55,416	45,538	7,387				
Swan Goose	<i>Anser cygnoides</i>										1,840	1,247	8,047
Bean Goose	<i>Anser fabalis</i>		II								7,829	17,818	14,129
White-fronted Goose	<i>Anser albifrons</i>	VU	II							26,217	6,683	15,861	
Lesser White-fronted Goose	<i>Anser erythropus</i>		I								180	1	1,806
Greylag Goose	<i>Anser anser</i>		II	5,752	935	4,083	129				2,307	3,601	3,362
Bar-headed Goose	<i>Anser indicus</i>	II		15,394	8,913	12,265	32	16					
Snow Goose	<i>Anser caerulescens</i>											10	
Unidentified Grey Geese	<i>Anser</i> spp.			883	354	541					15,108	9,422	2,744
Brent Goose	<i>Branta bernicla</i>	II								1	20	12	
Whooper Swan	<i>Cygnus cygnus</i>	II								7,361	5,402	4,920	
Whistling Swan	<i>Cygnus columbianus</i>	II								9,668	3,291	2,231	
Mute Swan	<i>Cygnus olor</i>	II								40	44	59	
Unidentified Swans	<i>Cygnus</i> spp.									111	177	443	
Comb Duck	<i>Sarkidiornis melanotos</i>	II		1,260	903	1,667	59	9					
Ruddy Shelduck	<i>Tadorna ferruginea</i>	II		16,995	30,252	25,607	12,708	420	21	1,003	835	1,329	
Shelduck	<i>Tadorna tadorna</i>	II		1,560	1,079	5,261		12		3,880	8,880	4,919	
White-winged Duck	<i>Cairina scutulata</i>	EN nt				23		7					
Mandarin Duck	<i>Aix galericulata</i>										2		55
Green Pygmy Goose	<i>Nettapus pulchellus</i>							8					
Cotton Teal	<i>Nettapus coromandelianus</i>			41,718	20,549	42,930	2,648	1,521	1,052		65	13	
Wigeon	<i>Anas penelope</i>	II		99,046	131,966	163,931	48	700	19	37,718	23,239	49,979	
American Wigeon	<i>Anas americana</i>	II								6	12		
Falcated Teal	<i>Anas falcata</i>			92	30	16			12	4,465	11,615	21,450	
Gadwall	<i>Anas strepera</i>			156,306	187,959	226,180		27	4	7,010	7,425	5,843	
Baikal Teal	<i>Anas formosa</i>	VU		7	1					20,105	56,799	49,247	
Green-winged Teal	<i>Anas crecca</i>		II	58,771	68,029	69,929	803		562	47,418	42,371	88,223	
Grey Teal	<i>Anas gibberifrons</i>					367	101	6	27				
Mallard	<i>Anas platyrhynchos</i>	II		9,022	15,563	2,268	4	196		94,905	249,842	209,933	
Pacific Black Duck	<i>Anas superciliosa</i>	II					26						
Spot-billed Duck	<i>Anas poecilorhyncha</i>			23,251	14,835	15,156	5,365	1,167	1,053	32,508	48,809	48,808	
Philippine Duck	<i>Anas luzonica</i>						31						

1994-96 Asian Waterfowl Census Counts

APPENDIX IV

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Malayan Night-heron	<i>Gorsachius melanolophus</i>	2	3									
Yellow Bittern	<i>Ixobrychus sinensis</i>	144	188	207	107	111	49	10	6	11		
Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i>	251	199	180	42	46	15	7	9	20		
Black Bittern	<i>Ixobrychus flavicollis</i>	129	151	170	2		2					
Unidentified Bitterns	<i>Ixobrychus</i> spp.				3	4						
Eurasian Bittern	<i>Botaurus stellaris</i>	II		20	18	1			3	11	2	
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Black Stork	<i>Ciconia nigra</i>		II	131	146	186					1	9
Woolly-necked Stork	<i>Ciconia episcopus</i>			538	437	467	4	62	1			
Storm's Stork	<i>Ciconia stormi</i>	EN					1		8			
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Glossy Ibis	<i>Plegadis falcinellus</i>		II	5,096	948	1,035	2	4	3			
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Lesser White-fronted Goose	<i>Anser erythropus</i>		I							180	1	1,806	
Greylag Goose	<i>Anser anser</i>		II	5,752	935	4,083	129			2,307	3,601	3,362	
Bar-headed Goose	<i>Anser indicus</i>	VU	II	15,394	8,913	12,265	32	16					
Snow Goose	<i>Anser caerulescens</i>											10	
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Whooper Swan	<i>Cygnus cygnus</i>		II							7,361	5,402	4,920	
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Mute Swan	<i>Cygnus olor</i>	VU	II							40	44	59	
Unidentified Swans	<i>Cygnus</i> spp.									111	177	443	
Comb Duck	<i>Sarkidiornis melanotos</i>		II	1,260	903	1,667	59	9					
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Shelduck	<i>Tadorna tadorna</i>		II	1,560	1,079	5,261		12		3,880	8,880	4,919	
White-winged Duck	<i>Cairina scutulata</i>					23		7					
Mandarin Duck	<i>Aix galericulata</i>	nt								2		55	
Green Pygmy Goose	<i>Nettapus pulchellus</i>						8						
Cotton Teal	<i>Nettapus coromandelianus</i>			41,718	20,549	42,930	2,648	1,521	1,052		65	13	
Wigeon	<i>Anas penelope</i>	VU	II	99,046	131,966	163,931	48	700	19	37,718	23,239	49,979	
American Wigeon	<i>Anas americana</i>									6	12		
Falcated Teal	<i>Anas falcata</i>			92	30	16			12	4,465	11,615	21,450	
Gadwall	<i>Anas strepera</i>	VU	II	156,306	187,959	226,180		27	4	7,010	7,425	5,643	
Baikal Teal	<i>Anas formosa</i>			7	1					20,105	56,799	49,247	
Green-winged Teal	<i>Anas crecca</i>		II	58,771	68,029	69,929	803		562	47,418	42,371	86,223	
Grey Teal	<i>Anas gibberifrons</i>	VU	II			367	101	6	27				
Mallard	<i>Anas platyrhynchos</i>				9,022	15,563	2,268	4	196		94,905	249,842	209,933
Pacific Black Duck	<i>Anas superciliosa</i>							26					
Spot-billed Duck	<i>Anas poecilorhyncha</i>	VU	II	23,251	14,835	15,156	5,365	1,167	1,053	32,506	48,809	48,606	
Philippine Duck	<i>Anas luzonica</i>							31					

1994-96 Asian Waterfowl Census Counts

APPENDIX IV

Common Name	Latin Name ¹	BTW ²	CMS ³	South Asia			Southeast Asia			East Asia		
				1994	1995	1996	1994	1995	1996	1994	1995	1996
Northern Pintail	<i>Anas acuta</i>		II	468,402	366,932	378,180	2,698	3,587	311	40,937	43,081	40,749
Garganey	<i>Anas querquedula</i>		II	96,977	67,540	82,746	29,868	1,737	4,721	1,724	641	1,366
Northern Shoveler	<i>Anas clypeata</i>		II	211,808	225,543	272,955	4,524	67	20	13,410	18,070	19,214
Marbled Teal	<i>Marmaronetta angustirostris</i>	VU	I	4	61	93						
Red-crested Pochard	<i>Netta rufina</i>		II	67,562	22,150	42,562						1
Canvasback	<i>Aythya valisineria</i>										22	
Pochard	<i>Aythya ferina</i>		II	88,935	119,319	98,494	165	800	1	84,763	119,685	93,815
Baer's Pochard	<i>Aythya baeri</i>	VU		1,991	1,941	3,053	6	150	14	4	380	556
Ferruginous Duck	<i>Aythya nyroca</i>	VU	I	13,710	3,841	2,663	2		10		16	
Tufted Duck	<i>Aythya fuligula</i>		II	115,403	190,648	228,721	4		2	46,485	42,627	41,068
Greater Scaup	<i>Aythya manila</i>		II		1					152,854	70,832	305,820
Harlequin Duck	<i>Histrionicus histrionicus</i>										63	21
Common Scoter	<i>Melanitta nigra</i>		II							176	74	350
Velvet Scoter	<i>Melanitta fusca</i>		II							122	72	160
Long-tailed Duck	<i>Clangula hyemalis</i>		II							108	4	168
Bufflehead	<i>Bucephala albeola</i>									20	3	
Goldeneye	<i>Bucephala clangula</i>		II	244	12					3,047	1,575	3,069
Smew	<i>Mergellus albellus</i>		II	3	7	2				1,019	2,945	3,613
Red-breasted Merganser	<i>Mergus serrator</i>		II							111	301	291
Scaly-sided Merganser	<i>Mergus squamatus</i>	VU										19
Goosander	<i>Mergus merganser</i>		II	142	227	420				3,054	7,836	11,657
White-headed Duck	<i>Oxyura leucocephala</i>	VU	I	148	61							
Unidentified Ducks	<i>Anatinae</i> spp.			262,353	162,409	128,549	1,067	4,356	280	45,130	45,513	62,210
CRANES												
Common Crane	<i>Grus grus</i>		II	10,149	17,325	4,384				44	713	62
Black-necked Crane	<i>Grus nigricollis</i>	VU	I								337	
Hooded Crane	<i>Grus monacha</i>	CD								8,507	7,982	6,968
Sandhill Crane	<i>Grus canadensis</i>										4	
Red-crowned Crane	<i>Grus japonensis</i>	VU	I							1,523	851	1,358
White-naped Crane	<i>Grus vipio</i>	VU								2,191	2,023	2,434
Sarus Crane	<i>Grus antigone</i>			258	121	69	9		3			
Siberian Crane	<i>Grus leucogeranus</i>	EN	I							66	1	22
Demoiselle Crane	<i>Anthropoides virgo</i>		II	88,281	23,648	9,431						
Unidentified Cranes	<i>Gruidae</i> spp.			25	3,767	40						
RAILS, GALLINULES & COOTS												
Banded Rail	<i>Rallus philippensis</i>						3	8				
Blue-breasted Banded Rail	<i>Rallus striatus</i>			15	33	8	9	1	6	5	15	8
Barred Rail	<i>Rallus torquatus</i>						12	11				
Water Rail	<i>Rallus aquaticus</i>			281	120	158	6				2	7

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Common Name	Latin Name ¹	BTW ²	CMS ³	South Asia			Southeast Asia			East Asia		
				1994	1995	1996	1994	1995	1996	1994	1995	1996
Andaman Banded Crane	<i>Rallina canningi</i>	VU				1						
Banded Crane	<i>Rallina eurizinoides</i>			720	27	26	3			2		
White-browed Rail	<i>Poliolimnas cinereus</i>						32	9	11			
Baillon's Crane	<i>Porzana pusilla</i>			757	15	11			1			
Spotted Crane	<i>Porzana porzana</i>			1								
Ruddy-breasted Crane	<i>Porzana fusca</i>			42	19	45	40	7		13	33	26
Celebes Waterhen	<i>Amauornis isabellinus</i>							7				
Brown Crane	<i>Amauornis akool</i>			86	54	755						
White-breasted Waterhen	<i>Amauornis phoenicurus</i>			2,867	2,741	1,500	181	172	119	76	69	110
Watercock	<i>Gallicrex cinerea</i>			640	220	288	285	21	10	6		
Dusky Moorhen	<i>Gallinula tenebrosa</i>						18					
Moorhen	<i>Gallinula chloropus</i>			7,065	5,453	9,631	1,297	868	491	735	961	893
Purple Swamphen	<i>Porphyrio porphyrio</i>			16,389	13,713	20,380	1,190	2,436	3,007			
Common Coot	<i>Fulica atra</i>			403,944	293,722	291,964	4,051	12,072	565	49,019	12,377	46,391
Unidentified Rails	<i>Rallidae</i> spp.			2	1	657	658					
JACANAS												
Masked Finfoot	<i>Heliopais personata</i>	VU					1					
Comb-crested Jacana	<i>Irediparra gallinacea</i>						39					
Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>			5,424	3,961	7,980	380	539	360			
Bronze-winged Jacana	<i>Metopidius indicus</i>			4,140	2,646	9,101	174	245	125			
Unidentified Jacanas	<i>Jacanidae</i> spp.			1		5						
SHOREBIRDS												
Painted Snipe	<i>Rostratula benghalensis</i>			377	544	399	80	1		37	70	46
Crab Plover	<i>Dromas ardeola</i>		II	4	967	109						
Eurasian Oystercatcher	<i>Haematopus ostralegus</i>			350	2,350	1,038				15	27	25
Ibisbill	<i>Ibidorhyncha struthersii</i>			4								
Black-winged Stilt	<i>Himantopus himantopus</i>		II	43,890	51,257	52,851	478	306	91	132	73	244
Australian (White-headed) Stilt	<i>Himantopus leucocephalus</i>			14	8	8	1					
Avocet	<i>Recurvirostra avosetta</i>		II	2,226	2,303	5,533				1,471	1,294	4,300
Great Thick-knee	<i>Esacus recurvirostris</i>			437	1,531	277						
Beach Thick-knee	<i>Esacus magnirostris</i>						6					
Indian Courser	<i>Cursorius coromandelicus</i>			2								
Oriental Pratincole	<i>Glareola maldivarum</i>			1,881	527	2,713	1,410	1	108	3		
Little Pratincole	<i>Glareola lactea</i>			4,897	2,937	1,967	2		56			
Northern Lapwing	<i>Vanellus vanellus</i>		II	487	735	196				1,021	1,102	1,876
River Lapwing	<i>Vanellus duvaucelli</i>			180	290	875	6	50				
Yellow-wattled Lapwing	<i>Vanellus malabaricus</i>			635	3,620	512						
Sociable Plover	<i>Vanellus gregarius</i>	VU	I	3	6	215						
White-tailed Plover	<i>Vanellus leucurus</i>		II	212	932	131						

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Common Name	Latin Name ¹	BTW ²	CMS ³	South Asia			Southeast Asia			East Asia		
				1994	1995	1996	1994	1995	1996	1994	1995	1996
Grey-headed Lapwing	<i>Vanellus cinereus</i>	nt		1,045	260	6,649	28	44	60	195	164	129
Red-wattled Lapwing	<i>Vanellus indicus</i>			6,214	4,369	5,060	131	434	16			
Masked Lapwing	<i>Vanellus miles</i>						46					
Pacific Golden Plover	<i>Pluvialis fulva</i>			5,368	7,583	11,746	6,128	1,966	2,995	752	976	2,147
Grey Plover	<i>Pluvialis squatarola</i>		II	1,936	4,024	4,381	1,204	65	194	3,207	1,680	3,750
Ringed Plover	<i>Charadrius hiaticula</i>		II	500	618	752	1			3	6	
Long-billed Plover	<i>Charadrius placidus</i>	nt				15	1			3	2	3
Little Ringed Plover	<i>Charadrius dubius</i>		II	15,365	19,982	32,143	1,705	114	340	641	850	1,113
Kentish Plover	<i>Charadrius alexandrinus</i>		II	9,640	17,530	15,614	4,442	72	174	12,598	13,942	19,562
Malaysian Plover	<i>Charadrius peronii</i>	nt					25	13	12			
Lesser Sand Plover	<i>Charadrius mongolus</i>		II	14,950	12,968	45,658	3,528	3,087	5,269	108	179	362
Greater Sand Plover	<i>Charadrius leschenaultii</i>		II	2,342	5,289	3,532	1,805	1,122	2,961	39	133	288
Oriental Plover	<i>Charadrius veredus</i>						4					
Unidentified <i>Charadrius</i> Plovers	<i>Charadrius</i> spp.						5,758			71		
Black-tailed Godwit	<i>Limosa limosa</i>		II	50,239	29,085	79,852	359	3	9	256	204	83
Bar-tailed Godwit	<i>Limosa lapponica</i>		II	8,159	7,125	19,392	4,600	1,158	43	1		7
Unidentified Godwits	<i>Limosa</i> spp.				75							
Little Curlew	<i>Numenius minutus</i>						80	10			11	7
Whimbrel	<i>Numenius phaeopus</i>		II	2,187	3,458	6,026	4,513	667	441	11	32	93
Eurasian Curlew	<i>Numenius arquata</i>		II	6,801	8,734	13,390	1,485	1,029	1,086	1,912	1,915	2,524
Far Eastern Curlew	<i>Numenius madagascariensis</i>	nt					165	82	172	8	8	1
Spotted Redshank	<i>Tringa erythropus</i>		II	852	1,041	974	268	147	266	854	1,737	3,473
Redshank	<i>Tringa totanus</i>		II	5,467	4,610	6,355	3,505	1,002	2,136	192	742	1,557
Marsh Sandpiper	<i>Tringa stagnatilis</i>		II	3,771	10,196	5,059	2,333	564	1,149	696	781	1,644
Greenshank	<i>Tringa nebularia</i>		II	2,273	2,999	2,869	1,992	643	469	710	1,454	1,317
Nordmann's Greenshank	<i>Tringa guttifer</i>	EN			1	2	10					2
Green Sandpiper	<i>Tringa ochropus</i>		II	1,459	1,533	1,245	271	30		54	31	50
Wood Sandpiper	<i>Tringa glareola</i>		II	2,371	2,965	2,515	726	577	133	426	412	374
Unidentified <i>Tringa</i> Sandpipers	<i>Tringa</i> spp.			23			400				170	
Terek Sandpiper	<i>Xenus cinereus</i>		II	1,837	3,151	6,655	1,745	127	653	1	1	
Common Sandpiper	<i>Actitis hypoleucos</i>		II	9,916	12,794	15,040	1,545	467	330	366	328	459
Grey-tailed Tattler	<i>Heteroscelus brevipes</i>						703	92		6	25	42
Ruddy Turnstone	<i>Arenaria interpres</i>		II	961	681	483	257	15	29	667	849	638
Red-necked Phalarope	<i>Phalaropus lobatus</i>		II	25	10	9	200	3			4	
Eurasian Woodcock	<i>Scolopax rusticola</i>				1					2		
Solitary Snipe	<i>Gallinago solitaria</i>			53		31						
Wood Snipe	<i>Gallinago nemoricola</i>		VU			5						
Pintail Snipe	<i>Gallinago stenura</i>			405	2,463	1,309	21	27	35	9	6	4
Swinhoe's Snipe	<i>Gallinago megala</i>								4	2		
Common Snipe	<i>Gallinago gallinago</i>		II	3,286	5,104	1,679	204	66	1	307	402	501
Unidentified Snipes	<i>Gallinago</i> spp.			72	18	145	6	4				

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				1994	1995	1996	1994	1995	1996	1994	1995	1996
Jack Snipe	<i>Limnocyrtus minimus</i>		II	17	294	24						
Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>									4		5
Asian Dowitcher	<i>Limnodromus semipalmatus</i>	nt		338	128	19	59	3	600			
Red Knot	<i>Calidris canutus</i>		II				8			6	31	1
Great Knot	<i>Calidris tenuirostris</i>		II	2,365	1,423	1,410	2,612	37		14	25	9
Sanderling	<i>Calidris alba</i>		II	3,840	310	406	231	7	18	202	620	334
Red-necked Stint	<i>Calidris ruficollis</i>					7	4,878	82	1,120	712	1,525	840
Little Stint	<i>Calidris minuta</i>		II	63,498	45,916	37,216						
Temminck's Stint	<i>Calidris temminckii</i>		II	925	5,292	17,190	53		59	76	22	5
Long-toed Stint	<i>Calidris subminuta</i>			25	3	166	101	29	66	82	46	150
Pectoral Sandpiper	<i>Calidris melanotos</i>						1					
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>						22			2	7	56
Dunlin	<i>Calidris alpina</i>		II	6,202	7,021	6,295				22,841	38,421	44,561
Curlew Sandpiper	<i>Calidris ferruginea</i>		II	4,599	6,400	10,775	1,494	275	108	164	253	1,231
Unidentified <i>Calidris</i> Sandpipers	<i>Calidris</i> spp.			2		2						
Spoon-billed Sandpiper	<i>Eurynorhynchus pygmaeus</i>	VU		284	138	312					1	
Broad-billed Sandpiper	<i>Limicola falcinellus</i>		II	33	18	276	14		4	2		
Ruff	<i>Philomachus pugnax</i>		II	11,382	5,236	3,163	1			1	2	8
Unidentified Shorebirds	<i>Charadrii</i> spp.			41,841	31,314	16,462	81,826	530	624	822	5,754	18,503
GULLS, TERNS & SKIMMER												
Sooty Gull	<i>Larus hemprichii</i>		II	127	1,253	584						
Black-tailed Gull	<i>Larus crassirostris</i>									1,478	762	5,687
Common Gull	<i>Larus canus</i>									742	1,303	1,880
Herring Gull	<i>Larus argentatus</i>			4,041	12,152	9,840	38			4,710	5,447	4,909
Lesser Black-backed Gull	<i>Larus fuscus</i>			5,007	11,279	9,556						
Slaty-backed Gull	<i>Larus schistisagus</i>									585	610	644
Glaucous-winged Gull	<i>Larus glaucescens</i>									1	4	18
Glaucous Gull	<i>Larus hyperboreus</i>									105	80	110
Great Black-headed Gull	<i>Larus ichthyæus</i>		II	1,621	2,326	5,001			1		7	31
Brown-headed Gull	<i>Larus brunnicephalus</i>			24,298	15,337	37,062	1,408	2,010	7			2
Relict Gull	<i>Larus relictus</i>	nt	I								4	14
Black-headed Gull	<i>Larus ridibundus</i>			14,575	12,757	12,238	123		8	22,770	66,795	60,954
Slender-billed Gull	<i>Larus genei</i>		II	2,413	4,332	1,391						
Saunders' Gull	<i>Larus saundersi</i>	EN	I							1,170	1,129	2,106
Unidentified Gulls	<i>Larus</i> spp.			6,138	6,176	7,517				860	6,710	3,167
Whiskered Tern	<i>Chlidonias hybridus</i>			33,945	19,665	30,135	1,888	40	16	126	49	429
White-winged Black Tern	<i>Chlidonias leucopterus</i>		II	63	89	386	1,784	401	20	4		181
Unidentified Marsh Terns	<i>Chlidonias</i> spp.				26							
Gull-billed Tern	<i>Gelochelidon nilotica</i>		II	5,183	5,692	5,687	3,870	850	203	14	4	11
Caspian Tern	<i>Sterna caspia</i>		II	2,026	4,181	1,281	422	29	12	54	12	85

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				1994	1995	1996	1994	1995	1996	1994	1995	1996
Indian River Tern	<i>Sterna aurantia</i>			4,767	4,527	5,130						
Common Tern	<i>Sterna hirundo</i>		II	1,596	5,804	5,634	5,010	62	13	36	3	14
Roseate Tern	<i>Sterna dougallii</i>		II			2						
Black-naped Tern	<i>Sterna sumatrana</i>					8	595	5	14			
Black-bellied Tern	<i>Sterna melanogaster</i>	VU		278	837	237						
Aleutian Tern	<i>Sterna aleutica</i>								15			
Bridled Tern	<i>Sterna anaethetus</i>					3						
Sooty Tern	<i>Sterna fuscata</i>						275					
Saunders's Little Tern	<i>Sterna saundersii</i>		II	30	4	47						
Little Tern	<i>Sterna albifrons</i>		II	3,145	6,179	3,067	1,659	905	402		62	6
Crested Tern	<i>Sterna bergii</i>		II	1,107	249	144	255	2,046	40			
Lesser Crested Tern	<i>Sterna bengalensis</i>		II	574	906	883	265	25	6			
Sandwich Tern	<i>Sterna sandvicensis</i>		II	1,713	2,085	1,251						
Unidentified Terns	<i>Sterninae spp.</i>			13,054	20,599	20,972	7,523	117			101	115
Indian Skimmer	<i>Rynchops albigollis</i>	VU		866	263	974		6				
Total Waterbirds				3,293,749	3,080,190	3,337,324	326,128	117,324	53,043	891,948	1,079,736	1,421,543
BIRDS OF PREY												
Osprey	<i>Pandion haliaetus</i>		II	42	25	63	10	10	2	17	14	
Brahminy Kite	<i>Haliastur indus</i>			266	996	478	99	29	6			
White-bellied Sea Eagle	<i>Haliaeetus leucogaster</i>	VU		18	13	28	26	20	1	1	1	
Pallas' Sea Eagle	<i>Haliaeetus leucoryphus</i>	nt			19	12						
White-tailed Sea Eagle	<i>Haliaeetus albicilla</i>	VU	I		1					13		
Steller's Sea Eagle	<i>Haliaeetus pelagicus</i>	VU	I							51		
Grey-headed Fishing Eagle	<i>Ichthyophaga ichtyaetus</i>	nt		14	6	5						
Himalayan Grey-headed Fishing Eagle	<i>Ichthyophaga nana</i>	nt		1	5							
Marsh Harrier	<i>Circus aeruginosus</i>			185	143	235		1	1	2	1	
Hen Harrier	<i>Circus cyaneus</i>				2					1		
Pallid Harrier	<i>Circus macrourus</i>	nt		6		1						
Montagu's Harrier	<i>Circus pygargus</i>			1	1	1						
Pied Harrier	<i>Circus melanoleucos</i>			6	2	6	2	5				
Unidentified Harriers	<i>Circus spp.</i>				1							
Greater Spotted Eagle	<i>Aquila clanga</i>	VU	I	2	1	1				2		
Total Birds of Prey				541	1,215	830	137	65	10	87	16	0

1994-96 Asian Waterfowl Counts in South Asia

APPENDIX Va

Common Name	Bangladesh			India			Nepal			Pakistan			Sri Lanka		
	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996
GREBES															
Little Grebe	233	855	2,240	15,593	12,938	22,702	121	100	60	838	2,597	1,953	139	433	1,114
Red-necked Grebe				6	12	8				26					
Great Crested Grebe	620	707	2,130	909	383	997	63	37	15	786	451	290			
Black-necked Grebe				177	11	68		3	3	518	1,174	858			
Unidentified Grebes			20	82	51	12					250				
PELICANS															
Great White Pelican	1			1,622	1,732	1,538	1			494	8	41			
Spot-billed Pelican				1,670	977	1,873							751	570	340
Dalmatian Pelican				204	344	16					7				
Unidentified Pelicans				3,503	1,024	45									
CORMORANTS & DARTERS															
Great Cormorant	557	221	2,350	6,674	10,563	8,233	693	1,040	723	240	337			11	
Indian Shag				5,165	3,655	4,968							4,073	4,562	1,616
Little Cormorant	12,225	4,449	9,770	56,702	36,195	43,395	106	108	227	740	460	41	5,559	6,616	5,497
Unidentified Cormorants				1,128	1,035	280		20			1,000				
Oriental Darter	128	15	45	1,316	814	807	21	33	23	3			48	183	147
HERONS, EGRETS & BITTERNS															
Grey Heron	1,339	2,225	2,638	2,744	3,117	3,764	29	38	43	484	358	138	235	523	579
Imperial Heron				5	1	1									
Goliath Heron		1	2	3	5	2									
Purple Heron	61	23	128	1,047	690	2,163	14	17	11	17	26		130	259	174
Great White Egret	8,047	10,295	8,684	4,058	5,403	6,034	50	139	74	102	193	73	427	1,110	719
Intermediate Egret	496	1,132	942	8,785	6,003	9,107	85	60	80	968	242	13	319	1,246	721
Western Reef Egret				265	1,133	678				30	93	57	4	5	3
Little Egret	3,349	3,931	9,621	26,651	33,851	26,014	165	230	147	3,365	923	63	1,942	3,308	2,399
Eastern Reef Heron						8									
Cattle Egret	4,298	887	13,530	39,131	42,310	40,209	236	14	202	479	141		8,264	4,033	4,753
Unidentified Egrets	526		1,228	5,842	1,377	3,283					50				
Indian Pond Heron	1,527	1,251	5,160	25,087	24,307	19,179	296	465	42	83	157	40	2,088	3,182	1,625
Chinese Pond Heron		300		278	230	82									
Unidentified Pond herons					9										
Green-backed Heron	95	2	218	133	1,732	86	2	11	14				16	86	32
Black-crowned Night-heron		6	698	8,482	11,944	6,438	209	194	213		252	9	51	310	183
Malayan Night-heron				2	3										
Yellow Bittern	1		32	113	144	155			1				30	44	19
Cinnamon Bittern	28			218	193	172	3	4	2				2	2	6
Black Bittern			6	97	81	143							32	70	21

1994-96 Asian Waterfowl Counts in South Asia

APPENDIX Va

Common Name	Bangladesh			India			Nepal			Pakistan			Sri Lanka		
	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996
Eurasian Bittern				13	15			3	1	7					
Unidentified <i>Ardeidae</i>		45	280		3,917										
STORKS															
Painted Stork				2,185	2,662	4,934							237	965	1,127
Asian Openbill Stork	607	145	986	18,921	21,687	19,099	59	79	167				333	1,019	677
Black Stork				62	45	151	42	101	35	27					
Woolly-necked Stork				531	394	440	3	23	13				4	20	14
White Stork				188	38	41									
Black-necked Stork	1			139	59	36	5	3	4				1	1	1
Greater Adjutant Stork			1	33	14	29									
Lesser Adjutant Stork	2		19	425	190	299	13	24	11				1	15	2
Unidentified Storks				27	250	170									
IBISES & SPOONBILLS															
Black-headed (White) Ibis	158	138	712	4,708	6,361	3,720	20	184	96				297	660	768
Black Ibis				1,446	547	907	75	180	83						
Glossy Ibis	4			5,055	892	1,017							37	56	18
Unidentified Ibises					20										
White Spoonbill	8	15	73	3,210	3,173	1,958	70	83	28	277	271	38	1,081	484	268
FLAMINGOS															
Greater Flamingo				13,867	8,377	22,118				286	72	118	138	188	1,177
Lesser Flamingo				10,587	16,973	35,293					300	241			
Unidentified Flamingoes				26	3,000	407						354			
SWANS, GEESE & DUCKS															
Fulvous Whistling Duck	37,165	16,280	19,718	896	1,024	3,529				190					
Lesser Whistling Duck	30,700	22,035	36,600	95,763	97,128	115,660	2,200	4,291	1,011		3		1,159	112,858	2,211
Greylag Goose	2	4	13	5,750	910	4,070					21				
Bar-headed Goose	55	245	884	15,096	8,649	11,377	141	13	4	102	6				
Unidentified Grey Geese				883	354	541									
Comb Duck		4	2	1,260	897	1,665		2							
Ruddy Shelduck	377	547	912	15,105	27,910	23,875	1,291	1,684	820	222	111				
Shelduck	1,281	922	5,030	275	125	209		8	2	4	24	20			
White-winged Duck						23									
Cotton Teal	284	1,522	3,788	41,342	18,348	39,050	24	450	26		6	5	68	223	61
Wigeon	1,944	2,160	6,374	87,878	126,892	157,285	63	558	160	8,161	1,191	112	1,000	1,165	
Falcated Teal	20	4		64	26	12	8		4						
Gadwall	10,130	10,541	10,210	137,492	170,298	214,777	6,241	2,021	621	2,443	5,099	572			
Baikal Teal		1		7											
Green-winged Teal	13,030	349	3,254	39,328	58,889	65,581	3,961	1,369	504	2,452	7,422	584			6

1994-96 Asian Waterfowl Counts in South Asia

APPENDIX Va

Common Name	Bangladesh			India			Nepal			Pakistan			Sri Lanka		
	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996
Grey Teal						367									
Mallard	18	46	72	2,100	4,367	974	385	1,349	1,042	6,519	9,801	180			
Spot-billed Duck	807	578	2,026	22,420	14,021	13,074	24	236	56						
Northern Pintail	62,050	13,939	24,730	389,290	308,134	326,866	7,053	11,808	17,847	3,602	7,121	498	6,407	25,930	8,239
Garganey	11,425	793	630	75,928	45,064	75,620	13	335	52				9,611	21,348	6,444
Northern Shoveler	14,227	4,989	6,389	193,840	214,632	264,236	63	356	143	3,644	4,768	2,104	34	798	83
Marbled Teal				4		67					61	26			
Red-crested Pochard	1,033	1,150	13,300	65,514	20,871	29,215	6	41	22	1,009	88	25			
Pochard	3,591	4,656	2,970	77,439	106,132	93,480	60	866	66	7,845	7,665	1,978			
Baer's Pochard	889	520	3,010	1,099	1,421	43	3								
Ferruginous Duck	9,430	1,804	721	3,968	1,139	1,874	33	458	68	279	440				
Tufted Duck	6,852	7,421	11,737	108,392	181,325	215,189	77	113	74	82	1,789	1,721			
Greater Scaup		1													
Goose				231	11		13	1							
Smew		1		3	5	2		1							
Goosander				63	22	219	79	205	201						
White-headed Duck										148	61				
Unidentified Ducks	48,311	26,486	8,480	182,521	128,922	120,069		1		31,521	7,000				
CRANES															
Common Crane				10,149	17,075	4,384					250				
Sarus Crane				258	121	69									
Demoiselle Crane				83,281	22,848	9,431				5,000	800				
Unidentified Cranes				25	3,767	40									
RAILS, GALLINULES & COOTS															
Blue-breasted Banded Rail	2			13	33	8									
Water Rail	1			280	115	158		2			3				
Andaman Banded Crane						1									
Banded Crane				720	27	26									
Baillon's Crane				757	15	11									
Spotted Crane				1											
Ruddy-breasted Crane	20		30	17	18	13	5							1	2
Brown Crane				81	38	755	5	16							
White-breasted Waterhen	10		66	2,457	2,253	1,278	5	24					395	464	156
Watercock			36	639	213	220		4					1	3	32
Moorhen	74	1,094	2,440	6,485	2,633	7,050	308	1,487	35	159	141	88	39	98	18
Purple Swamphen	720	560	4,470	14,951	10,582	14,538	16	336	1	209	50		493	2,185	1,371
Common Coot	11,635	6,015	19,801	323,464	258,136	266,836	264	813	18	68,581	28,754	5,299		4	10
Unidentified Rails				2	1	657									

1994-96 Asian Waterfowl Counts in South Asia

APPENDIX Va

Common Name	Bangladesh			India			Nepal			Pakistan			Sri Lanka		
	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996
JACANAS															
Pheasant-tailed Jacana	1,000	800	4,000	3,663	1,795	2,809	7	38		25	34		729	1,294	1,171
Bronze-winged Jacana	28	4	5,900	4,070	2,443	3,190	42	199	11						
Unidentified Jacanas				1		5									
SHOREBIRDS															
Painted Snipe				359	528	399	12	4			6		6	6	
Crab Plover		1		4	966	87						22			
Eurasian Oystercatcher		1	1	71	125	292				279	2,224	742			3
Ibisbill				4											
Black-winged Stilt	492	1,445	6,000	36,409	46,086	42,985				254	1,397	586	6,735	2,329	3,280
Australian (White-headed) Stilt				14	8	8									
Avocet	55	100	350	2,136	2,056	5,025				30	147	156	5		2
Great Thick-knee			3	403	1,480	199	12	14	4				22	37	71
Indian Courser				2											
Oriental Pratincole	1,533		1,337	290	515	1,376							58	12	
Little Pratincole				4,789	2,624	1,837	91	246	130		51		17	16	
Northern Lapwing			4	219	148	192	32	360		236	227				
River Lapwing	4	6	13	158	222	840	18	62	22						
Yellow-wattled Lapwing	4			583	3,543	437		2			13		48	62	75
Sociable Plover				3	6	215									
White-tailed Plover				159	76	99				53	856	32			
Grey-headed Lapwing	430	147	6,220	615	113	429									
Red-wattled Lapwing	68	28	594	5,474	3,526	3,701	15	29	5	181	252	157	476	534	603
Pacific Golden Plover	1,944	3,092	5,770	2,694	3,638	4,656				7			723	853	1,320
Grey Plover	117	362	787	1,100	3,016	3,379				651	616	133	68	30	82
Ringed Plover				8				6		492	612	749			3
Long-billed Plover			8			6									1
Little Ringed Plover	1,637	440	2,193	11,238	13,753	26,955	53	96	15	2,273	5,554	2,559	164	139	421
Kentish Plover	91	1	480	6,076	12,850	12,107	37	20	28	3,214	4,380	2,584	222	279	415
Lesser Sand Plover	6,842	1,827	14,325	6,738	3,607	26,402				25	4,253	3,523	1,345	3,281	1,408
Greater Sand Plover	838	170	670	1,459	5,003	2,800					86	28	45	30	34
Black-tailed Godwit	3,098	1,109	5,579	45,450	26,843	73,491				35	314	333	1,656	819	449
Bar-tailed Godwit	60	100	97	6,389	7,004	19,188				1,710	21	103			4
Unidentified Godwits					75										
Whimbrel	525	169	2,168	1,550	2,946	3,635				91	308	171	21	35	52
Eurasian Curlew	4,971	541	6,456	1,055	7,242	6,596	600	291		106	493	307	69	167	31
Spotted Redshank	86	4	2	765	1,026	960					11		1		12
Redshank	426	334	983	4,258	2,742	4,338	30	30	4	521	976	610	232	528	420
Marsh Sandpiper	80	88	459	1,602	3,246	2,985	1	2			42		2,088	6,818	1,615
Greenshank	146	70	578	1,452	1,801	1,802	495	797	195	112	251	72	68	80	222
Nordmann's Greenshank		1	2												

1994-96 Asian Waterfowl Counts in South Asia

APPENDIX Va

Common Name	Bangladesh			India			Nepal			Pakistan			Sri Lanka		
	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996
Green Sandpiper	10	211	160	1,220	1,195	1,047	178	56	12	50	67	21	1	4	5
Wood Sandpiper	10	4	75	2,090	2,713	2,269		4		4	28	14	267	216	157
Unidentified <i>Tringa</i> Sandpipers				23											
Terek Sandpiper	1,375	161	3,018	431	2,971	3,585				24	15	2	7	4	50
Common Sandpiper	1,291	387	1,696	8,155	11,284	12,731	72	94	25	198	810	349	200	219	239
Ruddy Turnstone	12	28	54	567	485	152				6	20	11	376	148	266
Red-necked Phalarope				25							6			4	9
Eurasian Woodcock					1										
Solitary Snipe				53		31									
Wood Snipe						5									
Pintail Snipe	43	279	178	285	2,069	802	1	3	3		44	251	76	68	75
Common Snipe	10		40	3,274	4,967	1,533		4		2	133	102			4
Unidentified Snipes				72	5	145								13	
Jack Snipe				17	294	24									
Asian Dowitcher		2	19	338	126										
Great Knot				2,365	1,410	1,410								13	
Sanderling		5		3,774	51	305				11	188		55	66	101
Red-necked Stint			7												
Little Stint	118	238	1,149	60,326	35,426	29,102	19	12		586	2,601	3,707	2,449	7,639	3,258
Temminck's Stint	25	15	220	848	4,810	16,840	51	99	32		155	73	1	213	25
Long-toed Stint				25		166								3	
Dunlin	1	6	2	4,272	4,058	3,040		2		1,929	2,955	3,253			
Curlew Sandpiper	605	177	3,623	1,273	408	4,466				11	118	93	2,710	5,697	2,593
Unidentified <i>Calidris</i> Sandpipers				2		2									
Spoon-billed Sandpiper	4	5	130	280	133	182									
Broad-billed Sandpiper	3	12	32	30	2	243								4	1
Ruff	1,093	289	1,168	10,273	4,731	1,984					200		16	16	11
Unidentified Shorebirds	9,670	1,920	4,319	32,171	25,444	12,143					3,700			250	
GULLS, TERNS & SKIMMER															
Sooty Gull										127	1,253	584			
Herring Gull	17		76	3,223	1,599	5,737				801	10,553	4,004			23
Lesser Black-backed Gull				3,434	920	3,647				1,571	10,310	5,763	2	49	146
Great Black-headed Gull	815	234	732	614	1,309	1,864	5	11	13	187	772	2,386			6
Brown-headed Gull	6,108	2,072	6,238	17,142	11,287	30,120		1			2	106	1,048	1,975	598
Black-headed Gull			256	6,836	7,368	7,679		12		7,680	5,331	4,236	59	46	67
Slender-billed Gull				4	206	200				2,409	4,126	1,191			
Unidentified Gulls	64		848	6,074	3,416	4,641					2,760	2,028			
Whiskered Tern	3,343	1,093	7,710	25,941	15,774	19,971					3		4,661	2,795	2,454
White-winged Black Tern				21	10	232					3		42	76	154
Unidentified Marsh Terns					26										
Gull-billed Tern	14	234	104	4,314	4,324	4,317		4		133	401	485	722	729	781

1994-96 Asian Waterfowl Counts in South Asia

APPENDIX Va

Common Name	Bangladesh			India			Nepal			Pakistan			Sri Lanka		
	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996
Caspian Tern	8		11	567	2,766	423	1	3	5	689	708	358	761	704	484
Indian River Tern	49	28	132	4,548	4,394	4,980	29	7	7	141	98	11			
Common Tern	15		6	383	1,237	1,723				634	4,372	3,285	564	195	620
Roseate Tern						2									
Black-naped Tern						8									
Black-bellied Tern	4			241	819	225	33	8	12		10				
Bridled Tern															3
Saunders's Little Tern													30	4	47
Little Tern	13	62	105	2,118	5,488	2,448				65	151	185	949	478	329
Crested Tern					3	31							1,107	246	113
Lesser Crested Tern				400	334	757				25	33	51	149	539	75
Sandwich Tern				201	17	26				1,512	1,985	1,225		83	
Unidentified Terns	29	40	1,849	13,025	17,239	17,731					3,320	1,392			
Indian Skimmer	772	50	790	94	213	184									
Total Waterbirds	350,390	169,702	348,932	2,659,275	2,468,656	2,830,081	26,556	34,557	25,618	181,032	172,392	65,672	76,496	234,883	67,021
BIRDS OF PREY															
Osprey				18	10	37		3		24	12	26			
Brahminy Kite		241		161	705	375							105	50	103
White-bellied Sea Eagle				6	7	12							12	6	16
Pallas' Sea Eagle		16			3	12									
White-tailed Sea Eagle								1							
Grey-headed Fishing Eagle		1		4		4		3					10	2	1
Himalayan Grey-headed Fishing				1	5										
Marsh Harrier		12		164	114	222		4		6	9	9	15	4	4
Hen Harrier					1						1				
Pallid Harrier				6		1									
Montagu's Harrier				1		1								1	
Pied Harrier				3	2	6							3		
Unidentified Harriers					1										
Greater Spotted Eagle		1		2		1									
Total Birds of Prey	0	271	0	366	848	671	0	11	0	30	22	35	145	63	124

Note: Blanks indicate lack of counts

1994-94 Asian Waterfowl Census Counts in Southeast Asia

APPENDIX Vb

Common Name	Brunei			Indonesia			Laos	Malaysia			Myanmar		
	1994	1995	1996	1994	1995	1996		1994	1995	1996	1994	1995	1996
GREBES													
Little Grebe					28		1	87		211	282	394	2,009
PELICANS													
Unidentified Pelicans				3	7								
CORMORANTS & DARTERS													
Great Cormorant											73	166	1
Indian Shag											155	15	
Little Pied Cormorant					4	6							
Little Cormorant				36	6	8					777	862	171
Unidentified Cormorants				93							11		
Oriental Darter		2	2	60	14	5					60	81	19
HERONS, EGRETS & BITTERNS													
Grey Heron				17	23		3	14	25		145	83	56
Sumatran Heron				1	10	5							
Purple Heron	7	8	11	80	121	104		7	1	1	192	108	151
Great White Egret	5	22	5	169	45	295		9	18	6	66	7	
Intermediate Egret	22	88	46	253	295	85			18	8	1,011	711	65
Little Egret	79	8	10	571	454	147		42	49	19	1,056	354	18
Chinese Egret		1	3						3				
Eastern Reef Heron	1		2	11	15			4	117	113			
Cattle Egret	100	90	49	1,184	8,442	2					690	534	613
Unidentified Egrets		4	53	1,030	4						34	50	
Indian Pond Heron											19	320	
Chinese Pond Heron	11	11	6		4		30	3		214	36	32	
Javan Pond Heron				870	805	330			2		410	123	161
Unidentified Pond herons				89									
Green-backed Heron	4	1	1	37	21	46		54	6	5			
Black-crowned Night-heron				1,476	278	146						765	
Nankeen Night-heron					2								
Yellow Bittern		26		20	32	5		15	7	17		10	
Cinnamon Bittern	4	1	5	9	14	1		3	3	8			
Black Bittern						1				1			
Unidentified Bitterns					4								
STORKS													
Milky Stork				227		158							
Asian Openbill Stork											1,181	1,176	2,201
Woolly-necked Stork					5						4	17	1
Storm's Stork				1		8							
Black-necked Stork											26	2	

1994-94 Asian Waterfowl Census Counts in Southeast Asia

APPENDIX Vb

Common Name	Brunei			Indonesia			Laos	Malaysia			Myanmar		
	1994	1995	1996	1994	1995	1996	1994	1994	1995	1996	1994	1995	1996
Lesser Adjutant Stork				106	2	8		3			4		
Unidentified Storks												4	
IBISES & SPOONBILLS													
Black-headed (White) Ibis				52							6	4	51
Glossy Ibis				2	2							2	3
SWANS, GEESE & DUCKS													
Spotted Whistling Duck					46								
Wandering Whistling Duck						404							
Lesser Whistling Duck				3				6			9,971	17,652	4,254
Greylag Goose							1				128		
Bar-headed Goose											32	16	
Comb Duck											59	9	
Ruddy Shelduck											12,708	420	21
Shelduck												12	
White-winged Duck												7	
Cotton Teal								1		503	2,041	1,351	519
Wigeon											30	700	
Gadwall												27	
Green-winged Teal							30				619		462
Grey Teal				101	6	27							
Mallard												196	
Spot-billed Duck											5,365	1,167	1,049
Northern Pintail							2				2,372	3,477	11
Garganey	46		2				50			2	757	650	3,416
Northern Shoveler											4,465	66	
Pochard											165	800	
Baer's Pochard												150	
Tufted Duck										1			
Unidentified Ducks				10	5		120				896	4,351	280
CRANES													
Sarus Crane											9		3
RAILS, GALLINULES & COOTS													
Banded Rail					8								
Blue-breasted Banded Rail						1							
Barred Rail					11								
White-browed Rail	2	2	4	2		3		16	1	4			
Baillon's Crane										1			
Celebes Waterhen					7								
White-breasted Waterhen	13	13	9	16	21	11		27	7	32	14	42	23
Watercock	1		9	3				1		1	8	15	

1994-94 Asian Waterfowl Census Counts in Southeast Asia

APPENDIX Vb

Common Name	Brunei			Indonesia			Laos	Malaysia			Myanmar		
	1994	1995	1996	1994	1995	1996	1994	1994	1995	1996	1994	1995	1996
Dusky Moorhen				2									
Moorhen	1	7	20	7		5		87		28	154	386	173
Purple Swampphen				12		6		20		26	190	2,307	2,911
Common Coot											3,727	12,064	500
Unidentified Rails				1									
JACANAS													
Comb-crested Jacana				35									
Pheasant-tailed Jacana										10	147	485	340
Bronze-winged Jacana											22	207	94
SHOREBIRDS													
Painted Snipe											38		
Black-winged Stilt						2					328	235	34
Beach Thick-knee				6									
Oriental Pratincole						108							
Northern Lapwing												14	
River Lapwing											6	50	
Grey-headed Lapwing							20					44	
Red-wattled Lapwing											49	366	16
Pacific Golden Plover	65	31	149	594	23	351		515	194	76		20	
Grey Plover				332		153		457	50	15		2	
Long-billed Plover	1												
Little Ringed Plover	7	24	16	2		174	2	50	29	11	1,024	49	
Kentish Plover		6	38	51	8	80		8	4	20	4	44	
Malaysian Plover				25		4			4	6			
Lesser Sand Plover	12	5	128	252	1,670	4,023		10	1,261	755			
Greater Sand Plover	12	6	40	138	11	18		1	1,090	1,389			1,500
Unidentified <i>Charadrius</i> Plovers				58				5,615					
Black-tailed Godwit				207					3				
Bar-tailed Godwit				32		18		4,536	1,157	25			
Little Curlew					10						80		
Whimbrel				887	92	211		2,022	206	13	436		
Eurasian Curlew				44	19	1,056		1,255	1,000				
Far Eastern Curlew		2		120	52	172		2	1				
Spotted Redshank					24		50					65	
Redshank	8	6	9	658	97	877		1,442	225	40	34		12
Marsh Sandpiper	4		2	34		250		340			7	4	
Greenshank	3	4	2	44	10	61	2	365	283	1	65		
Green Sandpiper					3		50						
Wood Sandpiper	124	34	37	45	22	2	50	10	9	8	22	387	
Unidentified <i>Tringa</i> Sandpipers								400					
Terek Sandpiper				47		401		860	110	203			

1994-94 Asian Waterfowl Census Counts in Southeast Asia

APPENDIX Vb

Common Name	Brunei			Indonesia			Laos	Malaysia			Myanmar		
	1994	1995	1996	1994	1995	1996		1994	1995	1996	1994	1995	1996
Common Sandpiper	10	15	16	153	134	82		63	87	65	128	41	
Grey-tailed Tattler				73	88				4				
Ruddy Turnstone				168	2	2			4	13			
Red-necked Phalarope				200	3								
Pintail Snipe									23	30			
Swinhoe's Snipe										4			
Common Snipe				2			5	2			38	41	
Unidentified Snipes					4								
Asian Dowitcher	1					600			3				
Red Knot								1					
Great Knot								479	37				
Sanderling				35		6			7	9			
Red-necked Stint	30	1	17	164	40	644		431	41	159			
Temminck's Stint						20				1			
Long-toed Stint	36	29	19							5			
Curlew Sandpiper				88	212	100		471	35				
Broad-billed Sandpiper						1							
Ruff				1									
Unidentified Shorebirds				73,610	96	74		6,490	269		61	105	
GULLS, TERNS & SKIMMER													
Brown-headed Gull											1,197	2,000	7
Black-headed Gull						8		1					
Whiskered Tern	1			55				2			16	40	16
White-winged Black Tern				330	200			785	201	1			
Gull-billed Tern				20		149		2,077	848	54			
Caspian Tern						12		33	9				
Common Tern				240	60	12		2			8	2	
Black-naped Tern				4		2		8	5	10			
Aleutian Tern						15							
Little Tern				140	820	117		190	10	80	60	62	189
Crested Tern				126	2,040			46	2				
Lesser Crested Tern				38	25	6		43					
Unidentified Terns				562	51			1,340			128	66	
Indian Skimmer												6	
Total Waterbirds	610	447	710	86,174	16,557	11,628	416	30,751	7,468	4,204	53,846	56,020	21,350
BIRDS OF PREY													
Osprey		1						2	1	1	4	3	1
Brahminy Kite				76		3		6	6	2			1
White-bellied Sea Eagle				11				7	2	1			
Marsh Harrier													1
Pied Harrier								1			1	5	
Total Birds of Prey	0	1	0	87	0	3	0	16	9	4	5	8	3

1994-96 Asian Waterfowl Counts in Southeast Asia

APPENDIX Vb

Common Name	Papua New Guinea	Philippines	Singapore			Thailand			Vietnam	
	1994	1994	1994	1995	1996	1994	1995	1996	1995	1996
GREBES										
Little Grebe				20	18	268	82	54	124	
Australian Little Grebe	2									
Great Crested Grebe							1			
CORMORANTS & DARTERS										
Little Black Cormorant	55									
Indian Shag								150		
Pied Cormorant	2									
Little Pied Cormorant	10									
Little Cormorant						180	32	10	35	
HERONS, EGRETS & BITTERNS										
Grey Heron		144	36	83	101	113	35	29		4
Sumatran Heron				3						
Purple Heron		307	29	91	62	51	9	61	25	
Great White Egret	19	624	32	50	44	762	51	41	50	
Pied Heron	3									
Intermediate Egret	16	2,154	11	12	10	379	184	55	34	
Little Egret	1	3,598	45	87	150	798	90	190	20	
Chinese Egret		329	1	3	1					
Eastern Reef Heron	2	5	19		9	1				2
Cattle Egret	103	3,725	75	130	115	310	11	20	95	
Unidentified Egrets		2,954					236			300
Chinese Pond Heron		119	5	3		315	79		75	
Javan Pond Heron						32	8			
Unidentified Pond herons						140				
Green-backed Heron		43	70	144	74	3	7		6	
Black-crowned Night-heron			18	49	3	2,100	34			
Nankeen Night-heron		41								
Yellow Bittern		19	37	33	27	16	3			
Cinnamon Bittern		23	2	1	1	1			27	
Black Bittern			1			1				
Unidentified Bitterns		3								
Unidentified <i>Ardeidae</i>								150		
STORKS										
Painted Stork										
Asian Openbill Stork						77	1	500		
Woolly-necked Stork									40	
Lesser Adjutant Stork									34	

1994-96 Asian Waterfowl Counts in Southeast Asia

APPENDIX Vb

Common Name	Papua New Guinea	Philippines	Singapore			Thailand			Vietnam	
	1994	1994	1994	1995	1996	1994	1995	1996	1995	1996
IBISES & SPOONBILLS										
Black-headed (White) Ibis						1				
SWANS, GEESE & DUCKS										
Wandering Whistling Duck	14	46	3							
Lesser Whistling Duck			11	12	33	45,425	27,744	3,100	130	
Green Pygmy Goose	8									
Cotton Teal				8	9	606	38	21	124	
Wigeon						18		19		
Falcated Teal								12		
Gadwall								4		
Green-winged Teal						154		100		
Mallard						4				
Pacific Black Duck	26									
Spot-billed Duck								4		
Philippine Duck		31								
Northern Pintail						324	110	300		
Garganey				5	1	29,015	1,082	1,300		
Northern Shoveler						59	1	20		
Pochard								1		
Baer's Pochard						6		14		
Ferruginous Duck						2		10		
Tufted Duck		3				1		1		
Unidentified Ducks		41								
RAILS, GALLINULES & COOTS										
Banded Rail		3								
Blue-breasted Banded Rail			2	1	5	7				
Barred Rail		12								
Water Rail		6								
Banded Crake		3								
White-browed Rail			1	6		11				
Ruddy-breasted Crake		3				37	2		5	
White-breasted Waterhen		29	53	65	42	29	4	2	20	
Watercock		18	2	6		252				
Dusky Moorhen	16									
Moorhen		23	8	38	15	1,017	427	250	10	
Purple Swampphen	103	18	1	1	2	846	93	62	35	
Common Coot						324	8	65		
Unidentified Rails		657								
JACANAS										
Masked Finfoot						1				

1994-96 Asian Waterfowl Counts in Southeast Asia

APPENDIX Vb

	Papua New Guinea	Philippines	Singapore			Thailand			Vietnam	
Common Name	1994	1994	1994	1995	1996	1994	1995	1996	1995	1996
Comb-crested Jacana	4									
Pheasant-tailed Jacana						233	54	10		
Bronze-winged Jacana						152	23	31	15	
SHOREBIRDS										
Painted Snipe		41	1						1	
Black-winged Stilt		52				98	44		27	55
Australian (White-headed) Stilt	1									
Oriental Pratincole		1,380		1		30				
Little Pratincole						2		56		
Grey-headed Lapwing						8		60		
Red-wattled Lapwing						82	3		65	
Masked Lapwing	46									
Pacific Golden Plover	21	3,280	1,609	1,697	2,416	44	1			3
Grey Plover	1	300	13	4	26	101	9			
Ringed Plover			1							
Little Ringed Plover	3	507	75	4	54	35		79	8	6
Kentish Plover		4,329	40	10		10		36		
Malaysian Plover					2		9			
Lesser Sand Plover	45	2,460	724	86	351	25	65			12
Greater Sand Plover	38	1,611		5	4	5	10			10
Oriental Plover		4								
Unidentified <i>Charadrius</i> Plovers		85								
Black-tailed Godwit	15	28	4		9	105				
Bar-tailed Godwit		32		1						
Whimbrel		905	224	341	217	39	28			
Eurasian Curlew		171				15	10			30
Far Eastern Curlew	2	41					27			
Spotted Redshank		218					2	266	56	
Redshank		818	530	668	1,004	15	6			194
Marsh Sandpiper		599	1,261	526	696	88	2	200	32	1
Greenshank	27	1,139	302	294	386	45	15	17	37	2
Nordmann's Greenshank		6				4				
Green Sandpiper		211				10	2		25	
Wood Sandpiper		311	66	52	11	98	22	75	51	
Terek Sandpiper	9	650	25	15	49	154	2			
Common Sandpiper	1	980	132	184	164	78	6	2		1
Grey-tailed Tattler	6	624								
Ruddy Turnstone		83	1	9	14	5				
Pintail Snipe			7	4	3	14		2		
Common Snipe		106	26			25	2	1	23	
Unidentified Snipes			6							
Asian Dowitcher		54				4				

1994-96 Asian Waterfowl Counts in Southeast Asia

APPENDIX Vb

Common Name	Papua New Guinea	Philippines	Singapore			Thailand			Vietnam	
	1994	1994	1994	1995	1996	1994	1995	1996	1995	1996
Red Knot						7				
Great Knot		2,093				40				
Sanderling		143			3	53				
Red-necked Stint	267	3,941	5			40				300
Temminck's Stint		44				9		38		
Long-toed Stint		3	28		10	34		20		12
Pectoral Sandpiper		1								
Sharp-tailed Sandpiper	11	11								
Curlew Sandpiper		474	411	28	5	50				3
Broad-billed Sandpiper			11		3	3				
Unidentified Shorebirds		1,665					60			550
GULLS, TERNS & SKIMMER										
Herring Gull		38								
Great Black-headed Gull								1		
Brown-headed Gull		11				200	10			
Black-headed Gull		122								
Whiskered Tern		1,247				567				
White-winged Black Tern		116	553		19					
Gull-billed Tern	3	1,770					2			
Caspian Tern		382				7	20			
Common Tern		4,735			1	25				
Black-naped Tern		583			2					
Sooty Tern		275								
Little Tern		1,257	11	13	16	1				
Crested Tern			63	4	40	20				
Lesser Crested Tern		30	54			100				
Unidentified Terns		5,387	50			56				
Total Waterbirds	880	60,334	6,695	4,797	6,227	86,422	30,806	7,439	1,229	1,485
BIRDS OF PREY										
Osprey			4	5						
Brahminy Kite		3	12	23		2				
White-bellied Sea Eagle			8	18						
Marsh Harrier				1						
Total Birds of Prey	0	3	24	47	0	2	0	0	0	0

Note: Blanks indicate lack of counts

1994-96 Asian Waterfowl Census Counts in East Asia

APPENDIX Vc

Common Name	China			Hong Kong			Japan			Korea			Taiwan		
	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996
DIVERS															
Pacific Diver										1					
Red-throated Diver		1	7												
GREBES															
Little Grebe	192	249	1,030	90	140	88	515	835	1,684	138	440	135	342	281	388
Red-necked Grebe								2		5					
Great Crested Grebe	174	27	79	81	70	53	1,367	1,144	1,763	51	1,062	200	12	1	16
Slavonian Grebe	25		7				16	4	40	2	2	5			
Black-necked Grebe	4	2					764	1,019	2,304	39	500	19	3	1	3
Unidentified Grebes								23	31						
PELICANS															
Dalmatian Pelican		3		18	18	23									
CORMORANTS & DARTERS															
Great Cormorant	32	21	1,275	3,820	6,590	8,079	9,480	10,301	13,353	50	43	7	768	390	508
Japanese Cormorant		36	15				36		17	7	129	91			
Pelagic Cormorant							4				38	204			
Unidentified Cormorants							352	29	54			9			
HERONS, EGRETS & BITTERNS															
Grey Heron	1,140	543	1,153	900	1,172	1,440	941	865	899	22	265	137	1,065	1,787	3,625
Purple Heron	1		6	2	1	2	1						2	8	119
Great White Egret	717	320	779	554	778	783	251	162	294	14	72	48	723	770	1,309
Intermediate Egret	45	15		6	6	8	2	9	9				289	171	272
Little Egret	137	277	127	1,154	2,021	1,293	481	428	414	6	12	17	2,810	4,493	4,063
Chinese Egret		2	2											3	
Eastern Reef Heron		1				2	2		7				8	5	11
Cattle Egret		1		52	58	28	4						490	1,925	1,625
Chinese Pond Heron	68			172	382	246							5	2	5
Green-backed Heron		1		1									1	1	4
Black-crowned Night-heron	1	370	128	9	477	2,549	474	358	219	1		2	1,106	1,629	805
Yellow Bittern				3		1							7	6	10
Cinnamon Bittern													7	9	20
Eurasian Bittern		10		1			1						1	1	2
Unidentified <i>Ardeidae</i>									1						
STORKS															
Black Stork			8											1	1
Oriental Stork	147	369	247	4	2	1				6				1	

1994-96 Asian Waterfowl Census Counts in East Asia

APPENDIX Vc

Common Name	China			Hong Kong			Japan			Korea			Taiwan		
	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996
IBISES & SPOONBILLS															
Black-headed (White) Ibis				2		1									
White Spoonbill	288	74	862	2	3	9		1	3		2	6	3		1
Black-faced Spoonbill	39	37	3	28	72	58	2	11	19		3		185	215	249
SWANS, GEESE & DUCKS															
Swan Goose	1,840	650	7,956						1		589	89		8	1
Bean Goose	3,388	4,027	2,438				2,630	325	547	1,811	13,466	11,143			1
White-fronted Goose	950	190	4,875				20,315	1,005	861	4,952	5,488	10,125			
Lesser White-fronted Goose	180		1,806								1				
Greylag Goose	2,307	3,600	3,362					1							
Snow Goose											10				
Unidentified Grey Geese	4,820	402	2,484							10,288	9,020	260			
Brent Goose							1		12		20				
Whooper Swan	62	230	153				6,118	4,434	3,624	1,181	738	1,143			
Whistling Swan	5	57	1				7,280	1,822	1,693	2,383	1,412	537			
Mute Swan							40	44	54			5			
Unidentified Swans							111	177				443			
Ruddy Shelduck	996	343	307	1			5	2	1		490	1,021	1		
Shelduck		4,038		2,232	980	1,650	91	73	81	1,553	3,789	3,182	4		6
Mandarin Duck			4									50	2		1
Cotton Teal		65	13												
Wigeon	7,539	2,150	5,702	788	1,819	2,119	26,784	16,498	37,750	2,290	1,395	2,021	317	1,377	2,387
American Wigeon							6	12							
Falcated Teal	1,685	2,496	16,590	72	63	85	2,467	1,943	2,068	235	7,102	2,640	6	11	67
Gadwall		301	462	11	12	8	4,902	4,291	4,556	2,046	2,748	557	51	73	60
Baikol Teal			53	1		1	104	1,298	135	20,000	55,500	49,055		1	3
Green-winged Teal	961	1,017	13,682	1,662	2,438	4,222	28,387	16,280	21,225	692	3,192	25,178	15,716	19,444	21,916
Mallard	3,644	9,032	16,012	26	12	54	70,463	47,136	66,936	20,746	193,602	126,780	26	60	151
Spot-billed Duck	1,436	5,179	17,830	262	161	324	18,169	13,369	16,677	11,448	28,410	11,999	1,191	1,690	1,776
Northern Pintail	5,360	2,446	2,329	1,652	3,477	6,561	28,753	28,870	26,579	4,977	7,878	3,840	195	410	1,440
Garganey	1,700	591	1,325	5	30	15							19	20	26
Northern Shoveler	500	140	221	6,713	8,082	7,370	4,092	6,582	5,766	1,156	1,835	3,507	949	1,431	2,350
Red-crested Pochard									1						
Canvasback											22				
Pochard	3,432	3,255	1,778	2		4	75,858	88,499	67,230	5,457	27,907	24,762	14	24	41
Baer's Pochard		377	553	1		1							3	3	2
Ferruginous Duck		16													
Tufted Duck		212	2,089	21	56	212	44,249	38,704	36,432	534	2,145	1,017	1,681	1,510	1,318
Greater Scaup			17			2	151,628	70,810	305,642	1,225		117	1	22	42
Harlequin Duck									1		63	20			
Common Scoter							7	13	233	169	61	117			
Velvet Scoter							122	72	85			75			
Long-tailed Duck	13						95	4	168						

1994-96 Asian Waterfowl Census Counts in East Asia

APPENDIX Vc

Common Name	China			Hong Kong			Japan			Korea			Taiwan		
	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996
Bufflehead							20	3							
Goldeneye	816	307	8				1,873	1,190	2,494	358	78	567			
Smew	480	1,622	2,141				446	639	784	93	684	688			
Red-breasted Merganser	1	32					106	135	183	4	134	108			
Scaly-sided Merganser			18												1
Goosander	1,530	5,850	4,955				1,437	394	1,095	86	1,592	5,627	1		
Unidentified Ducks	19,902	10,514	19,925	2,190	1,305	300	16,908	2,874	26,425	6,130	30,820	15,560			
CRANES															
Common Crane	43	709	59				1	4	3						
Black-necked Crane		337													
Hooded Crane	462		234				8,045	7,982	6,734						
Sandhill Crane								3			1				
Red-crowned Crane	845	502	785				340	328	301	338	21	272			
White-naped Crane			12				1,852	1,927	1,892	339	96	530			
Siberian Crane	66		22					1							
RAILS, GALLINULES & COOTS															
Blue-breasted Banded Rail				3	6	1							2	9	7
Water Rail			1					1	6					1	
Banded Crake														2	
Ruddy-breasted Crake				1				1					12	32	26
White-breasted Waterhen				16	31	21							60	38	89
Watercock													6		
Moorhen		116	8	108	86	70	68	56	98			1	559	703	716
Common Coot	45,438	7,531	41,030	661	666	1,613	225	2,093	2,417	2,536	2,035	1,222	159	52	109
SHOREBIRDS															
Painted Snipe								5	1				37	65	45
Eurasian Oystercatcher		17	14				15	9	7					1	4
Black-winged Stilt				80		143	41	30	51				11	43	50
Avocet	700	120	2,831	770	996	1,122	1							178	347
Oriental Pratincole							2						1		
Northern Lapwing	2	350	992		1		790	253	411		12	7	229	486	466
Grey-headed Lapwing				2	4	3	193	151	126					9	
Pacific Golden Plover				220	209	134	169	61	256				363	706	1,757
Grey Plover	16	99	188	538	597	689	724	437	1,045		200	240	1,929	347	1,588
Ringed Plover					1		3	5							
Long-billed Plover							3	2	3						
Little Ringed Plover	63		305	187	305	72	2	5	40				389	540	696
Kentish Plover	19	388	435	3,180	1,500	26	1,093	1,289	1,023			2	8,306	10,765	18,076
Lesser Sand Plover				106	36			6	45				2	137	317
Greater Sand Plover													39	133	288
Unidentified <i>Charadrius</i> Plovers							71								

1994-96 Asian Waterfowl Census Counts in East Asia

APPENDIX Vc

Common Name	China			Hong Kong			Japan			Korea			Taiwan		
	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996
Black-tailed Godwit			2	255	200	80							1	4	1
Bar-tailed Godwit				1					1						6
Little Curlew		6	7											5	
Whimbrel		3	2				3	8	25				8	21	66
Eurasian Curlew	30	738	442	1,006	691	674	44	56	80	654	262	146	178	168	1,182
Far Eastern Curlew					1			2	1	8	5				
Spotted Redshank	34		1,964	819	1,730	1,425		1			2		1	4	84
Redshank	106	1	1,300	37	650	173	4	9	22				45	82	62
Marsh Sandpiper		2	562	668	350	878		2	9				28	427	195
Greenshank	2	15	431	386	883	323	24	42	59				298	514	504
Nordmann's Greenshank			9												2
Green Sandpiper	9	6	1	22	13	23	6	5	4				17	7	22
Wood Sandpiper				80	106	85	1	2	5				345	304	284
Unidentified <i>Tringa</i> Sandpipers					170										
Terek Sandpiper							1							1	
Common Sandpiper	6	8	13	32	76	27	83	91	100				245	153	319
Grey-tailed Tattler							3		11				3	25	31
Ruddy Turnstone		500					8	3	46				659	346	592
Red-necked Phalarope														4	
Eurasian Woodcock	1						1								
Pintail Snipe				9	5	4								1	
Swinhoe's Snipe				2											
Common Snipe	3			116	56	18	42	45	99				146	301	384
Long-billed Dowitcher						1		3						1	4
Red Knot				6	3	1								28	
Great Knot				13	11	9							1	14	
Sanderling		264	2				174	309	151		32	120	28	15	61
Red-necked Stint		183		2	2		1	2	84				709	1,338	756
Temminck's Stint	66	15		2	7	4							8		1
Long-toed Stint				44	6			27	37				38	13	113
Sharp-tailed Sandpiper													2	7	56
Dunlin	1,137	2,605	5,700	2,820	4,500	1	12,095	16,197	14,533	343	2,473	2,585	6,446	12,646	21,742
Curlew Sandpiper	104	180	1,231		1								60	72	
Spoon-billed Sandpiper					1										
Broad-billed Sandpiper				2											
Ruff						2									
Unidentified Shorebirds	800	5,750	15,404	1	4	2,999	17			4		100	1	2	6
GULLS, TERNS & SKIMMER															
Black-tailed Gull	3	8	55	2	1		513	344	1,290	953	403	4,340	7	6	2
Common Gull	23	266	16				333	486	1,506	386	551	357			1
Herring Gull	389	365	456	290	86	260	2,953	1,672	2,280	1,035	3,315	1,901	43	9	12
Slaty-backed Gull						1	535	256	452	2	354	190	48		1
Glaucous-winged Gull			13				1	4	5						

1994-96 Asian Waterfowl Census Counts in East Asia

APPENDIX Vc

Common Name	China			Hong Kong			Japan			Korea			Taiwan		
	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996	1994	1995	1996
Glaucous Gull							105	79	97		1	13			
Great Black-headed Gull			31								7				
Brown-headed Gull			2												
Relict Gull		4	14												
Black-headed Gull	3,932	34,377	18,876	3,728	18,821	20,812	11,593	10,905	14,094	1,640	1,836	1,838	1,877	856	5,334
Saunders' Gull	654	634	803	82	55	41	33	22	53			157	401	418	1,052
Unidentified Gulls	344	4,668	752				506	1,042	1,271		1,000	1,144	10		
Whiskered Tern						1		1	19				126	48	409
White-winged Black Tern													4		181
Gull-billed Tern	14		10											4	1
Caspian Tern			1	1									53	12	84
Common Tern	36													3	14
Little Tern														62	6
Unidentified Terns										100		115		1	
Total Waterbirds	121,904	122,265	229,812	38,836	63,092	69,328	570,877	408,954	701,243	108,387	415,472	318,393	51,944	69,953	102,776
BIRDS OF PREY															
Osprey	3			12	14					2					
White-bellied Sea Eagle				1	1										
White-tailed Sea Eagle							13								
Steller's Sea Eagle							51								
Marsh Harrier				2	1										
Hen Harrier										1					
Greater Spotted Eagle				2											
Total Birds of Prey	3	0	0	17	16	0	64	0	0	3	0	0	0	0	0

Note: Blanks indicate lack of counts

1994-96 Asian Waterfowl Census Counts in India (Part 1)

APPENDIX VI

Common Name	Andamans	Andhra Pradesh			Arunachal Pradesh	Assam			Bihar		Delhi		Goa	Gujarat		
	1994	1994	1995	1996	1994	1994	1995	1996	1994	1996	1994	1995	1994	1994	1995	1996
GREBES																
Little Grebe		867	1,568	1,668		1,282	221	945	172	20		40	3	1,622	1,274	1,126
Red-necked Grebe								2						4	6	
Great Crested Grebe					40	181	35	523	37	46				73	31	236
Black-necked Grebe						21		29				2		1	8	39
Unidentified Grebes			12			30								4	10	10
PELICANS																
Great White Pelican			448			584		26						789	1,251	1,503
Spot-billed Pelican		499	696	885		600	10	683								137
Dalmatian Pelican														43	297	3
Unidentified Pelicans			8											3,500	1,016	25
CORMORANTS & DARTERS																
Great Cormorant		20	151	621	291	561	3,053	1,145	1	7	1	1	1	323	123	819
Indian Shag		112		56	12	12	24	257			1			9	77	488
Little Cormorant		753	1,087	3,271	113	6,466	287	4,938	267	302	30	10	12	4,551	1,023	2,667
Unidentified Cormorants			313	208										127	127	
Oriental Darter		3	7	19	5	213	25	51						27	22	220
HERONS, EGRETS & BITTERNS																
Grey Heron	4	190	358	1,494	6	225	29	352	9	42		4	12	402	355	319
Imperial Heron						5										
Goliath Heron															1	
Purple Heron		51	61	315		203	64	197	2	15		2	12	125	42	183
Great White Egret	7	85	59	1,869		711	74	608	41	3		5	5	340	385	725
Intermediate Egret		192	1,266	179	37	940	60	1,094	87	259		4		448	238	504
Western Reef Egret		6	7			1								147	996	646
Little Egret	6	1,865	4,862	6,632	29	1,012	280	2,160	9	64	6	1	21	756	1,180	1,475
Eastern Reef Heron	8															
Cattle Egret	93	1,567	9,004	9,376		1,766	408	2,277	130	177	150	25	542	939	1,228	1,391
Unidentified Egrets		775	169	369		458		105						35	149	563
Indian Pond Heron	6	842	1,323	3,245	4	2,776	420	3,877	203	88	10	10	52	763	5,425	1,303
Chinese Pond Heron						219	230	7						20		
Green-backed Heron	2	28				2	2	13						1	14	12
Black-crowned Night-heron		253	1,372	2,496		73	44	90					1	78	20	79
Malayan Night-heron								3								
Yellow Bittern				1		18	2	34						24	96	24
Cinnamon Bittern	1					20	12	29						9	12	
Black Bittern		1				1	1	5								3
Eurasian Bittern														6		

1994-96 Asian Waterfowl Census Counts in India (Part 1)

APPENDIX VI

Common Name	Andamans	Andhra Pradesh			Arunachal Pradesh	Assam			Bihar		Delhi		Goa	Gujarat		
	1994	1994	1995	1996	1994	1994	1995	1996	1994	1996	1994	1995	1994	1994	1995	1996
STORKS																
Painted Stork		121	818	2,520							1	1		678	945	826
Asian Openbill Stork		741	1,044	3,383		1,678	172	938	72	894	2			931	30	139
Black Stork		3			2	28		108						3	1	1
Woolly-necked Stork		29	37	42		9		32		6				28	6	12
White Stork						2		2						14	8	1
Black-necked Stork		2			1	56	8	30		1				6	7	2
Greater Adjutant Stork						33	14	29								
Lesser Adjutant Stork				3	8	331	79	183	1						5	
Unidentified Storks		2												7		
IBISES & SPOONBILLS																
Black-headed (White) Ibis		238	539	721		12		8	16	91	20	10		227	733	459
Black Ibis		53	138	379		10			26	60	6	15		458	269	261
Glossy Ibis		117	6	121		201		104						3,238	767	398
Unidentified Ibises															20	
White Spoonbill		134	23	122										1,664	1,411	929
FLAMINGOS																
Greater Flamingo		8,257	6,724	15,000										3,805	1,230	751
Lesser Flamingo		97		1										299	8,088	15,785
Unidentified Flamingoes		5		107										21	3,000	100
SWANS, GEESE & DUCKS																
Fulvous Whistling Duck				1,200		69	160	1,610		71				52	59	28
Lesser Whistling Duck	441	317	1,042	3,065		34,398	34,350	23,166	67			30	1,204	1,778	1,848	1,805
Greylag Goose						2,997		3,186						2,145	270	534
Bar-headed Goose		670	637	228		4,085	21	4,640		263				285	154	
Unidentified Grey Geese			120	15		600										
Comb Duck		13	141	59					4				26	626	351	303
Ruddy Shelduck		100	256	593	61	1,199	124	1,479	402	191	2	59		930	423	571
Shelduck				50				71		1		12		1		1
White-winged Duck								23								
Cotton Teal		460	580	1,647		492	130	1,832	23	55			35	1,815	1,005	1,646
Wigeon		1,611	1,560	726		602	95	2,092	3,809	53		800		7,695	1,617	658
Falcated Teal						60	25	11								
Gadwall		49	9	3,084	1,480	7,762	610	10,560	300	1,024		4,000	80	1,930	257	418
Baikal Teal									7							
Green-winged Teal		739	1,230	11,931	15	8,766	547	15,993	105	89		1,200	29	4,067	9,593	1,409
Grey Teal	367															
Mallard		52	6		14	575	151	812				60	100	46	908	45
Spot-billed Duck		950	6,469	2,122	20	2,821	417	3,711	5		20	60	1	1,399	2,213	1,802
Northern Pintail		25,106	2,581	2,590	168	18,009	12,144	10,796	768	9,000	1	7,000	6,000	105,185	6,592	2,480

1994-96 Asian Waterfowl Census Counts in India (Part 1)

APPENDIX VI

Common Name	Andamans	Andhra Pradesh			Arunachal Pradesh	Assam			Bihar		Delhi		Goa	Gujarat		
	1994	1994	1995	1996	1994	1994	1995	1996	1994	1996	1994	1995	1994	1994	1995	1996
Garganey		194	234	770		73	385	697	350				20	1,605	595	598
Northern Shoveler		162	18,113	14,404		7,605	1,030	3,229	823	26	4,000			6,191	6,866	6,330
Marbled Teal								2		65						
Red-crested Pochard		3,141	1,104	5,676	2	577	616	116	2,564	508	70				35	
Pochard		248	1,128	1,016		1,240	671	2,354	500	28	600			11,948	2,649	6,977
Baer's Pochard					22	262	109	30								13
Ferruginous Duck		704	200	120	4	443	671	1,619	890	21				471	43	7
Tufted Duck		529	284	436	188	1,535	140	810	1,759	23	150			660	343	2,398
Goldeneye					231											
Smew								2								
Goosander					29	32		215								
Unidentified Ducks		30,092	11,539	26,486	43	7,914	462	3,820	76	12,000				21,594	47,870	10,767
CRANES																
Common Crane						18								9,750	16,731	3,972
Sarus Crane														140	23	47
Demoiselle Crane		154												64,381	22,569	2,431
Unidentified Cranes															3,699	
RAILS, GALLINULES & COOTS																
Water Rail						46	6	89								60
Andaman Banded Crake	1															
Baillon's Crake														2		
Ruddy-breasted Crake						2										
Brown Crake		1	1									1		1		
White-breasted Waterhen		44	45	31		270	96	290			4			48	23	112
Watercock	9	19	6			18	37	17						3	6	50
Moorhen	28	418	398	428		570	133	528	12		10	10	28	183	218	309
Purple Swamphen	4	249	388	457		2,240	442	1,331	33	16	10	40	971	1,063	110	351
Common Coot		3,274	3,923	4,665		373	540	596	2,897	6,080		3,000	166	92,968	20,288	39,927
JACANAS																
Pheasant-tailed Jacana		193	311	497		49	204	194	30	113			87	382	143	450
Bronze-winged Jacana		206	99	313		310	108	484	15	21		1	37	300	144	71
SHOREBIRDS																
Painted Snipe		2	11			29	48	11						6	21	94
Crab Plover														4	909	87
Eurasian Oystercatcher				20										18	68	87
Ibisbill						4										
Black-winged Stilt		7,766	561	766		82	3	164		22	100	100	12	3,759	13,911	2,797
Avocet		150	10	35		80	18	17			3			845	227	642
Great Thick-knee			6	7		3		7						27	16	5

1994-96 Asian Waterfowl Census Counts in India (Part 1)

APPENDIX VI

Common Name	Andamans	Andhra Pradesh			Arunachal Pradesh	Assam			Bihar		Delhi		Goa	Gujarat		
	1994	1994	1995	1996	1994	1994	1995	1996	1994	1996	1994	1995	1994	1994	1995	1996
Oriental Pratincole				34										161		
Little Pratincole		65	260	76	55	38								79	76	24
Northern Lapwing						209	76	189		3		27				
River Lapwing								91	2	9	8					
Yellow-wattled Lapwing		56	62	44		15	1	2						163	49	123
Sociable Plover								3						3	5	
White-tailed Plover											6	30		81	4	77
Grey-headed Lapwing						475	52	384	4	25						
Red-wattled Lapwing		320	410	583		386	84	412	7	20	10		4	1,034	564	923
Pacific Golden Plover		151	2	9		567		615		60				13	289	54
Grey Plover			2					6						11	38	18
Long-billed Plover								6								
Little Ringed Plover		101	348	253		13	46	72	3	7	4		12	546	788	602
Kentish Plover		135	4	30			2	20		5	200		3	303	1,416	585
Lesser Sand Plover		40				1								41	34	154
Greater Sand Plover		42				2	14	3							272	4
Black-tailed Godwit		1,412	26	41		2				1				2,863	1,960	859
Bar-tailed Godwit								7						5	37	86
Whimbrel														12	595	282
Eurasian Curlew	1			49		3								293	153	215
Spotted Redshank		9	17			181		103						7	37	132
Redshank	16	111	61	26		314	19	99			40	10		334	336	446
Marsh Sandpiper	1	62	80	25		122	35	93			3	4		51	114	151
Greenshank	2	69	21	40	35	195	28	118	2	30	4	2		35	101	65
Green Sandpiper	1	41		21		1		74			4	10		51	109	60
Wood Sandpiper	2	64	11	88		30	5	22	8	26	40	20		25	7	7
Terek Sandpiper														34	98	112
Common Sandpiper	8	124	594	311		268	90	292	3	52	2	6		1,187	281	1,107
Ruddy Turnstone														2	88	51
Red-necked Phalarope						13										
Solitary Snipe						48		31								
Pintail Snipe		1	1,856	55		48		3						23		3
Common Snipe	1	36	16	39		103	10	80	13	46	12	10		22	316	397
Unidentified Snipes		18		15												4
Jack Snipe			30	1										8		22
Great Knot		1														
Sanderling														3	51	
Little Stint	20	6,644	180	4,265		52		56	11		100	5		812	1,692	536
Temminck's Stint						2		29		25	10	10		511	600	50
Dunlin											15	1		10	224	35
Curlew Sandpiper		6									2			9		1
Unidentified <i>Calidris</i> Sandpipers										2						
Ruff	4	288	40	110							75	30		4,619	3,044	1,302

1994-96 Asian Waterfowl Census Counts in India (Part 1)

APPENDIX VI

Common Name	Andamans	Andhra Pradesh			Arunachal Pradesh	Assam			Bihar		Delhi		Goa	Gujarat		
	1994	1994	1995	1996	1994	1994	1995	1996	1994	1995	1994	1995	1994	1994	1995	1996
Unidentified Shorebirds		22,569	7,967	4,277		195	19	240	37	35				4,292	5,593	2,459
GULLS, TERNS & SKIMMER																
Herring Gull			647	85										20	419	171
Lesser Black-backed Gull														8	136	5
Great Black-headed Gull					4	3		2	2					16	192	87
Brown-headed Gull		61	144	5		8	25	42	33	208		25		113	439	718
Black-headed Gull		12	44	216		57	53	543	4	12		500		179	609	438
Slender-billed Gull														1	206	170
Unidentified Gulls		150	54	3,408	2	30		2		5				554	1,631	633
Whiskered Tern		49	205	132		16		35			2	50		115	103	422
White-winged Black Tern						2										
Gull-billed Tern		32											9	70	205	103
Caspian Tern	2	4	100	40										33	305	145
Indian River Tern		17	190	214	20	102	30	139	25	50	3			372	1,054	1,397
Common Tern				31										25	511	311
Roseate Tern	2															
Black-naped Tern	8															
Black-bellied Tern		6	12	142		14			5							
Little Tern		86	69	26										31	112	139
Crested Tern																21
Lesser Crested Tern															3	83
Unidentified Terns	4	51	80	900						94				589	362	74
Indian Skimmer														2	3	17
Total Waterbirds	1,049	128,354	98,624	154,131	2,941	130,465	60,639	121,298	16,671	32,460	903	22,067	9,485	390,619	219,984	140,326
BIRDS OF PREY																
Osprey		1			2	1		2		3				2	3	23
Brahminy Kite		2					6	1	2	4				2	1	4
White-bellied Sea Eagle	3	4							1							
Pallas' Sea Eagle							1	8		1						
Grey-headed Fishing Eagle						4		4								
Himalayan Grey-headed Fishing					1		5									
Marsh Harrier	1	12	18	17		4	2	3	1	2				6	12	96
Hen Harrier															1	
Pallid Harrier														1		1
Pied Harrier		1					1			1						
Greater Spotted Eagle		2														1
Total Birds of Prey	4	22	18	17	3	9	15	18	4	11	0	0	0	11	17	125

1994-96 Asian Waterfowl Census Counts in India (Part 2)

APPENDIX VI

	Haryana	Himachal Pradesh		Karnataka			Kerala			Madhya Pradesh	Maharashtra	Manipur	Orissa		
Common Name	1995	1994	1995	1994	1995	1996	1994	1995	1996	1994	1994	1994	1994	1995	1996
GREBES															
Little Grebe		5	15	5,947	2,040	4,043	64	41	38	687	1,330		1,985	6,634	13,603
Red-necked Grebe			6												6
Great Crested Grebe		2	4										140	139	104
Unidentified Grebes				28										18	2
PELICANS															
Great White Pelican				7										29	9
Spot-billed Pelican				263	6	8					2		246	254	131
Dalmatian Pelican											1		25	26	
Unidentified Pelicans											3				
CORMORANTS & DARTERS															
Great Cormorant		2,600	1,250	248	61	89	20	1,650	1,582	18	55		1,268	1,449	3,818
Indian Shag				260	35	9	2,014	21	18	6	50		488	1,043	2,223
Little Cormorant	1	50		5,974	1,485	2,019	5,420	5,281	5,251	106	17,862		10,514	13,491	21,283
Unidentified Cormorants			120	259		1	333	257	9		2	2	215	67	47
Oriental Darter				110	10	9	17	83	122		54		763	576	346
HERONS, EGRETS & BITTERNS															
Grey Heron	4	15	10	327	436	449	48	88	139	6	228	50	741	1,433	725
Imperial Heron														1	1
Goliath Heron													3	4	2
Purple Heron		5	5	267	148	202	67	33	44	7	99		121	267	1,160
Great White Egret		5	10	732	260	319	72	174	551	1	105	400	739	2,816	1,424
Intermediate Egret	2	10	5	3,104	628	723	552	487	583	33	321	320	1,784	2,625	5,535
Western Reef Egret				7	16	5	77	114	27		13				
Little Egret	6	20	25	7,455	4,758	4,769	2,085	3,684	1,419	89	2,265	1,200	2,665	4,821	2,998
Cattle Egret	26	60	75	15,370	7,917	3,641	3,635	3,056	845	140	4,910	900	7,156	12,960	18,354
Unidentified Egrets				3,307	479	621	820	34	509	15	306		118	98	886
Indian Pond Heron	4	10	25	6,119	3,545	3,041	3,749	1,710	1,060	190	1,881	1,000	3,855	6,597	5,650
Chinese Pond Heron				9								30			75
Unidentified Pond herons														9	
Green-backed Heron				5	1		14	5	8		2		25	4	51
Black-crowned Night-heron				232	7	5	240	990	853		83	12	349	250	352
Malayan Night-heron							2								
Yellow Bittern					1			6	6		2		65	37	60
Cinnamon Bittern				3	16	2	2	5	2				134	148	137
Black Bittern							7	8	5		4		81	69	130
Eurasian Bittern											2	5		3	
Unidentified Ardeidae								1,917							

1994-96 Asian Waterfowl Census Counts in India (Part 2)

APPENDIX VI

Common Name	Haryana	Himachal Pradesh		Karnataka			Kerala			Madhya Pradesh	Maharashtra	Manipur	Orissa		
	1995	1994	1995	1994	1995	1996	1994	1995	1996	1994	1994	1994	1994	1995	1996
STORKS															
Painted Stork	70	2	2	704	84	496	5	1	11		59		312	469	772
Asian Openbill Stork				355	301	172	13	22	54	34	681		13,882	18,104	8,426
Black Stork						7	10	6	2		14				
Woolly-necked Stork				192	170	210	27	32	19	26	131		70	54	39
White Stork				85	2	1		22	17		21	10	2	2	
Black-necked Stork	1			8						2	18	17	6	12	
Lesser Adjutant Stork				4	2	3	2			1	4	1	73	54	100
Unidentified Storks				17		50									120
IBISES & SPOONBILLS															
Black-headed (White) Ibis	4			3,634	647	476	4	4	19		149		377	3,698	1,893
Black Ibis				326	89	69		1			238		19	1	128
Glossy Ibis				1,254	3	351	4	21	23		182		35	19	20
White Spoonbill	23			218	134	77	2				454		258	960	754
FLAMINGOS															
Greater Flamingo				58		27			6		288		82	423	2,295
Lesser Flamingo						15					1,203		6,488	385	992
SWANS, GEESE & DUCKS															
Fulvous Whistling Duck											25	700		805	618
Lesser Whistling Duck				7,739	2,583	1,380	8,963	14,795	22,230	14	1,227	150	18,749	29,902	43,131
Greylag Goose			10								2			6	115
Bar-headed Goose	54		1,200	3,686	1,321	3,934				67	189		2,510	3,960	2,021
Unidentified Grey Geese					86					51			27	41	26
Comb Duck	2			38	48	678		16	2	16	145		148	142	244
Ruddy Shelduck	6	400	850	88	24	110				54	1,745	180	8,230	19,504	20,504
Shelduck													200	88	
Cotton Teal				15,818	2,469	3,161	1,182	561	1,825	78	7,531	20	10,213	10,783	20,159
Wigeon	6		45	169	255	1,235					3,423		67,995	118,550	151,934
Gadwall	10	50	60	2,399	370	1,809					409	50	118,721	162,659	192,265
Green-winged Teal	690	20	50	11,269	5,123	1,369	952			40	5,338	170	1,998	35,795	30,324
Mallard	76	600	2,900		21						143			115	110
Spot-billed Duck	65	20	15	11,839	922	1,096	28		20	212	1,843	12	2,707	3,550	4,240
Northern Pintail	525	2,700	2,500	57,469	6,462	8,422	13,079	16,721	30,640	588	20,451	22	119,227	234,156	246,097
Garganey				33,306	10,679	10,471	30,716	22,649	25,461		3,309	62	2,339	2,612	33,809
Northern Shoveler	1,895	50	40	43,235	4,436	36,594				130	2,340	10	125,513	167,842	195,263
Red-crested Pochard		20	70	23	6	9				245	34,114		24,286	16,725	18,894
Pochard	2	2,500	60	20,643	1,798	960				16	12,984		22,876	92,324	78,691
Baer's Pochard													40	521	
Ferruginous Duck											1,152	150		122	

1994-96 Asian Waterfowl Census Counts in India (Part 2)

APPENDIX VI

	Haryana	Himachal Pradesh	Karnataka			Kerala			Madhya Pradesh	Maharashtra	Manipur	Orissa		
Common Name	1995	1994 1995	1994 1995 1996	1994 1995 1996	1994 1995 1996	1994 1995 1996	1994 1995 1996	1994 1995 1996	1994 1995 1996	1994 1995 1996	1994 1995 1996	1994 1995 1996	1994 1995 1996	1994 1995 1996
Tufted Duck		370	157 10 73							37,928		59,149 170,325 205,823		
Goldeneye			11											
Smew												3 5		
Unidentified Ducks		2,000 1,600	66,200 6,658 19,844			2,957 15,468 27,549		400		29,054		1,054 1,344 1,615		
CRANES														
Common Crane	200		34 6 65							163		130 325		
Sarus Crane	2	4						49			7			
Demoiselle Crane			8,002 262 7,000							6,640				
Unidentified Cranes													40	
RAILS, GALLINULES & COOTS														
Blue-breasted Banded Rail						3 7 2						10 26 6		
Water Rail						1 1					115	117 108 7		
Banded Crake										4	700	16 26 26		
Baillon's Crake						1 1				4	721	30 9 10		
Ruddy-breasted Crake			3 2			5 15 11								
Brown Crake										9		66 32 755		
White-breasted Waterhen		2 5	198 200 136			53 56 45		13		196	292	1,057 1,650 577		
Watercock			15			1 7 5		2		1	522	57 150 134		
Moorhen		20 15	579 211 339			32 1 17		85		1,852	812	358 812 4,783		
Purple Swampphen		15 6	2,712 1,305 1,777			211 350 357		16		2,020	910	4,024 7,619 9,964		
Common Coot		55,000 3,500	17,443 3,040 6,482			52		180		360	40,284	956 90,345 212,145 197,772 657		
Unidentified Rails			2											
JACANAS														
Pheasant-tailed Jacana			1,127 308 433			138 51 22		43		802		212 378 661		
Bronze-winged Jacana			1,011 311 357			243 43 10		17		428	6	1,182 1,535 1,710		
Unidentified Jacanas			1											
SHOREBIRDS														
Painted Snipe			37 30 1			1 2				33	42	187 416 292		
Crab Plover												57		
Eurasian Oystercatcher							4 18			25		28 53 167		
Black-winged Stilt	14	15	6,579 1,622 2,970			772 1,163 221		340		6,444		9,265 23,597 31,611		
Australian (White-headed) Stilt												14 8 8		
Avocet	37		22 46							28		943 1,256 3,880		
Great Thick-knee			66 32 25							77		88 292 116		
Oriental Pratincole			100				2			3		126 413 1,342		
Little Pratincole		150	1,612 989 686			951 380 167				610		1,362 526 795		
Northern Lapwing	10	10 30										5		
River Lapwing			14									94 175 727		

APPENDIX VI

[illegible]

1994-96 Asian Waterfowl Census Counts in India (Part 2)

APPENDIX VI

	Haryana	Himachal Pradesh	Karnataka			Kerala			Madhya Pradesh	Maharashtra	Manipur	Orissa		
Common Name	1995	1994 1995	1994 1995 1996	1994 1995 1996	1994 1995 1996	1994 1995 1996	1994 1995 1996	1994 1995 1996	1994	1994	1994	1994 1995 1996	1994 1995 1996	1994 1995 1996
Spoon-billed Sandpiper							2			1		280	133	182
Broad-billed Sandpiper							6			12		29		243
Ruff							13					40	204	
Unidentified Shorebirds		250	756	1,655	1,273	312	518	165		849		2,826	5,727	3,545
GULLS, TERNS & SKIMMER														
Herring Gull	1	5		3			4			4		3,199	520	5,339
Lesser Black-backed Gull						1,817	750	3,057		1		1,608	34	552
Great Black-headed Gull		20 15				132	521	519				380	278	1,118
Brown-headed Gull			723	248	8	1,984	2,534	2,478		1,484	1	12,565	6,548	26,644
Black-headed Gull		175 55	717	69		3,734	4,761	4,231	2	623		1,088	933	2,118
Slender-billed Gull										3				
Unidentified Gulls		100 200		70	2	2,027	530	400		2,010		1,190	914	109
Whiskered Tern			1,095	73	70	17,280	10,998	7,573	4	59		6,305	3,632	11,434
White-winged Black Tern												19	10	232
Unidentified Marsh Terns													26	
Gull-billed Tern			3	2	36	81	50	32		69		4,049	3,955	4,146
Caspian Tern						2	4	2		29		480	348	234
Indian River Tern		40	921	310	557	53	61	3	17	639		1,462	1,824	2,320
Common Tern		150	16	16		5	17	203	2	13		169	693	1,178
Black-bellied Tern			20	58	52					69		109	744	31
Little Tern			25			220	94	518		128		1,538	5,031	1,765
Crested Tern							3	10						
Lesser Crested Tern							2	100				400	329	574
Sandwich Tern						201	17	26						
Unidentified Terns		20	320	6		10,736	15,807	15,580	5	64		1,225	127	959
Indian Skimmer			13		9					3		75	134	158
Total Waterbirds	3,831	66,721 15,727	386,661 86,030 146,181			122,949 132,332 159,330			4,335	273,867	10,975	914,221 1,569,029 1,897,744		
BIRDS OF PREY														
Osprey				1		9	4	5		3			2	2
Brahminy Kite			63	451	102	64	144	100		3		17	101	156
White-bellied Sea Eagle				2			1	1				1	4	8
Pallas' Sea Eagle													2	3
Marsh Harrier			57	49	52	37	15	36		36		6	5	15
Pallid Harrier			3			2								
Montagu's Harrier			1		1									
Pied Harrier							1	1				2		
Unidentified Harriers							1							
Total Birds of Prey	0	0 0	124 503 155			112 166 143			0	42	0	26 114 184		

1994-96 Asian Waterfowl Census Counts in India (Part 3)

APPENDIX VI

	Pondicherry			Punjab	Rajasthan			Tamil Nadu			Tripura	Uttar Pradesh		West Bengal			
Common Name	1994	1995	1996	1994	1994	1995	1996	1994	1995	1996	1994	1996	1994	1995	1994	1995	1996
GREBES																	
Little Grebe	72	11		11	460	539	155	17	275	360	290		38	72	741	208	744
Red-necked Grebe					2												
Great Crested Grebe					415	150	51						5	19	16	5	37
Black-necked Grebe					5	1					150						
Unidentified Grebes	20													11			
PELICANS																	
Great White Pelican					242	1			3								
Spot-billed Pelican					2			58	11	29							
Dalmatian Pelican					135	21	13										
Unidentified Pelicans			20														
CORMORANTS & DARTERS																	
Great Cormorant	1			12	744	1,992	99	8	35	15	60		358	507	84	291	38
Indian Shag					235	9	125	225	1,388	684			51	21	1,690	1,037	1,108
Little Cormorant	555			29	956	2,246	246	1,651	7,171	2,147	140	20	175	291	1,078	3,822	1,251
Unidentified Cormorants		6			90				110				100	35			15
Oriental Darter					83	39	10		33	27			32	16	9	3	3
HERONS, EGRETS & BITTERNS																	
Grey Heron	14	24	54	22	129	68	22	29	126	26		8	26	52	265	130	130
Purple Heron				10	54	10	9	11	21	7			11		2	37	31
Great White Egret	15		279		107	411	24	386	457	160	22		29	82	263	670	65
Intermediate Egret	272	22			213	417	36	8	103	39			85	3	379	143	155
Western Reef Egret	2							12									
Little Egret	388	177	104	44	477	1,521	208	5,406	10,309	5,623	54	30	81	112	724	2,115	526
Cattle Egret				47	117	198	21	790	2,876	3,619	42	102	81	322	789	4,215	313
Unidentified Egrets			200		8				448	29							1
Indian Pond Heron	145	42		30	191	272	97	1,825	2,933	160	74	35	119	74	1,249	1,927	617
Green-backed Heron	7				1	5		48	1							1,700	
Black-crowned Night-heron					133	2	1	6,102	8,748	2,100			1	10	925	501	462
Yellow Bittern					1				1						3	1	30
Cinnamon Bittern	47				1			2									1
Black Bittern					3				3								
Eurasian Bittern									12								
Unidentified Ardeidae																2,000	
STORKS																	
Painted Stork		26	39	3	123	87		155	87	270			21	72	1		
Asian Openbill Stork					40	37	4	186	783	54	55	82		36	251	1,158	4,953
Black Stork					1	17	5			11			1	20		1	17
Woolly-necked Stork					17	37			44	79			2	14			1
White Stork	2				1	1			3	13	50		1				7

1994-96 Asian Waterfowl Census Counts in India (Part 3)

APPENDIX VI

Common Name	Pondicherry			Punjab	Rajasthan			Tamil Nadu			Tripura		Uttar Pradesh		West Bengal		
	1994	1995	1996		1994	1995	1996	1994	1995	1996	1994	1996	1994	1995	1994	1995	1996
Black-necked Stork				5	15			1					3	30			3
Lesser Adjutant Stork																50	10
Unidentified Storks															1	250	
IBISES & SPOONBILLS																	
Black-headed (White) Ibis					31	57	14	646	14				2			21	25
Black Ibis				6	304	20	10						14				
Glossy Ibis					24	76											
White Spoonbill		2			383	428	57	12	62				85	118		12	19
FLAMINGOS																	
Greater Flamingo					1,377		4,039										
Lesser Flamingo					2,500	8,500	18,500										
Unidentified Flamingoes			200														
SWANS, GEESE & DUCKS																	
Fulvous Whistling Duck											50						2
Lesser Whistling Duck					263	100		33	6	4,632	408				16,262	12,445	20,028
Greylag Goose				11	199	69	109						178	428	218	127	126
Bar-headed Goose			14	3	3,435	967	245	67	20				166	232		36	12
Unidentified Grey Geese					199						6			107			500
Comb Duck					136	174	29						100	11	8	12	350
Ruddy Shelduck				14	282	450	130						1,398	98	20	6,116	297
Shelduck					22	25	4								52		82
Cotton Teal	203	300	1	12	170	142	36	852	578	2,058	42		10		2,386	1,800	6,630
Wigeon	862	304			948	117	101		3,211		25		89		650	332	486
Falcated Teal															4	1	1
Gadwall	244			4	2,356	64	809				75		770	663	813	1,596	4,808
Green-winged Teal		400		11	4,596	2,223	1,001	487	439	3,441			586	1,187	140	412	24
Mallard				28	117	5	7				200		114	125	111		
Spot-billed Duck				9	327	42	30		226	53			207	42			
Northern Pintail	2,419	1,654	1		5,468	2,118	1,701	685	11,362	6,709		12	2,550	399	9,395	3,920	8,418
Garganey	670		18		1,221		44	458	7,754	1,608				19	1,605	137	2,144
Northern Shoveler	60	3,002		16	1,518	2,298	6,702		801	2	30		3,170		2,987	4,309	1,686
Marbled Teal													4				
Red-crested Pochard					49	20							126	1,959	367	266	4,012
Pochard	1,713			26	2,465	1,282	206		5,337				236	110	44	171	3,248
Baer's Pochard															775	791	
Ferruginous Duck					93		13							19	61	84	94
Tufted Duck	1,455				537	572	31		6,100				125	79	4,370	2,952	5,595
Goosander													2	22			4
Unidentified Ducks	19,662	14,000	9,300		1,125				29,500	5,980			350	181		300	2,708

1994-96 Asian Waterfowl Census Counts in India (Part 3)

APPENDIX VI

Common Name	Pondicherry			Punjab	Rajasthan			Tamil Nadu			Tripura		Uttar Pradesh		West Bengal		
	1994	1995	1996		1994	1995	1996	1994	1995	1996	1994	1996	1994	1995	1994	1995	1996
CRANES																	
Common Crane					181	8	22						3				
Sarus Crane					29	33	22						33	59			
Demoiselle Crane					4,104									17			
Unidentified Cranes					25	68											
RAILS, GALLINULES & COOTS																	
Water Rail					2												1
Banded Crake																1	
Baillon's Crake									3							2	
Spotted Crake															1		
Ruddy-breasted Crake					3										4	1	2
Brown Crake					4	3								1			
White-breasted Waterhen				41	105	41	16	15	65	9	10		6	55	107	13	62
Watercock									7			5	1				
Moorhen		2		12	484	201	18		59	2	16		97	66	927	507	598
Purple Swampphen				16	89	123	56	72	20	27		30	157	109	143	70	168
Common Coot	359	82	6	28	14,216	5,834	7,580	6	354	767			2,785	2,320	1,952	3,110	2,781
Unidentified Rails									1								
JACANAS																	
Pheasant-tailed Jacana					29	46	10	343	201	27		22	6	14	222	139	380
Bronze-winged Jacana					51	41		26	19		8		10		220	142	224
Unidentified Jacanas			5														
SHOREBIRDS																	
Painted Snipe					22												1
Black-winged Stilt	160		3,450	27	697	4,031	672	94	760	278			31	237	281	72	34
Avocet				7	58	508	405										
Great Thick-knee					141	80	37		18					34	1	1,002	2
Indian Courser					2												
Little Pratincole					9	1			180	58					8	62	31
River Lapwing	15			1		2							14	27	10	18	13
Yellow-wattled Lapwing	26	2		8	11	17	9		34						10	3,000	5
White-tailed Plover					70	12	4					18					
Grey-headed Lapwing														9	97	48	14
Red-wattled Lapwing	172	23	11	41	275	214	137	105	303	127	12	4	44	280	15	56	48
Pacific Golden Plover									2						136	31	26
Grey Plover								18								500	
Ringed Plover					8												
Little Ringed Plover	140	17		33	346	172	41	216	485	137			2		27	83	113
Kentish Plover			79		97	215	803	134	134						20		38
Lesser Sand Plover						37		2,300	6								2
Greater Sand Plover									18								

1994-96 Asian Waterfowl Census Counts in India (Part 3)

APPENDIX VI

Common Name	Pondicherry			Punjab	Rajasthan			Tamil Nadu			Tripura		Uttar Pradesh		West Bengal		
	1994	1995	1996		1994	1995	1996	1994	1995	1996	1994	1996	1994	1995	1994	1995	1996
Black-tailed Godwit					726	56	37		12				250				13
Unidentified Godwits																75	
Whimbrel															25	36	70
Eurasian Curlew	7				15	16	2										1
Spotted Redshank					90	80	49		10				2			2	
Redshank				2	233	314	43	36	15				5	28	25	16	39
Marsh Sandpiper	40			8	119	119	45	176	41	8			2				
Greenshank	10				142	93	29	118	6	3			2	2	20	10	8
Green Sandpiper					135	71	24	48	127	25			26	4	40		
Wood Sandpiper					92	76	10	56	94	16			2		134	17	5
Terek Sandpiper		5					27									25	50
Common Sandpiper	404			17	262	390	83	41	178	191			27	157	130	1,888	1,010
Pintail Snipe	20														2	58	1
Common Snipe					114	164	21	11	76	10				305	34	2,589	53
Unidentified Snipes			10													2	
Jack Snipe					3	4								118		100	
Asian Dowitcher									2								
Great Knot					7												
Little Stint	76				568	282	688	4,237	240	2				3	10	20	
Temminck's Stint					152	355	523						5				
Long-toed Stint	25																
Dunlin					5		2										
Curlew Sandpiper					15			350									4
Ruff					5,239	1,407	555										
Unidentified Shorebirds	25		45		300	1,500			1,602					113	10	500	104
GULLS, TERNS & SKIMMER																	
Herring Gull							42										100
Lesser Black-backed Gull																	33
Great Black-headed Gull			8		57	300	130							3			
Brown-headed Gull					145	202	9		552	1				319	25	251	7
Black-headed Gull		19		16	193	222	121						8	50	28	53	
Slender-billed Gull																	30
Unidentified Gulls			82		11									17			
Whiskered Tern	504				95	147	28	388	249	7			4	203	25	114	270
Gull-billed Tern					1				112								
Caspian Tern						1,961		18	48						1		
Indian River Tern				1	736	751	256		8	11	120		31	104	29	22	33
Common Tern								3									
Black-bellied Tern					14								4	5			
Little Tern								90	122							60	

1994-96 Asian Waterfowl Census Counts in India (Part 3)

APPENDIX VI

	Pondicherry			Punjab	Rajasthan			Tamil Nadu			Tripura	Uttar Pradesh		West Bengal			
Common Name	1994	1995	1996	1994	1994	1995	1996	1994	1995	1996	1994	1996	1994	1995	1994	1995	1996
Unidentified Terns Indian Skimmer	395 120				35	2 10		373					1	63 66	4		
Total Waterbirds	30,811	20,515	14,046	611	65,708	48,039	47,500	28,314	108,634	37,049	6,163	776	15,044	12,402	53,457	70,803	78,191
BIRDS OF PREY																	
Osprey															2		
Brahminy Kite	8			2				2					1	5			
Marsh Harrier	10			1	1			2					4				
Pied Harrier	4																
Total Birds of Prey	0	10	12	3	0	1	0	0	4	0	0	0	5	0	5	0	2

Note: Blanks indicate lack of counts

APPENDIX VII

Site Totals of Shorebirds Counted in Australia 1994-96

Region / Name of site	1994		1995		1996	
	Birds	Species total	Birds	Species total	Birds	Species total
New South Wales						
Botany Bay	1,804	18	1,545		1,513	18
Clarence Estuary	1,800	20	985			
Hunter Estuary			6,353		5,009	17
Paramatta Estuary	1,652	16	227		769	9
Richmond Estuary			1,159		1,012	20
Shoalhaven Estuary			698			
Tuggerah Lake			574		500	11
Tweed Estuary			1,226		609	12
Northern Territory						
Darwin	4,280	14	507			
Queensland						
Cairns	425	12	584		225	12
Gladstone			268		258	8
Lockyer Valley			1,238		253	7
Mackay	2,244	19	2,243		80	6
Moreton Bay	13,222	21	14,674		8,512	26
Townsville			4,006		1,225	19
South Australia						
South East Coast-South Australia	2,682	16	2,912		4,245	13
St Vincent Gulf			16,963		16,337	19
Tasmania						
Cape Portland	759	15	951		1,862	12
East Derwent (Pittwater)	3,947	17	3,022		4,141	13
Marion Bay	172	6	218		248	8
Tasmania - North West Coast			12,264		4,948	14
Victoria						
Altona	6,617	12	6,407		5,754	9
Bellarine Peninsula	19,910	28	25,550		9,001	26
Eastern Port Phillip	3,428	16	398		1,607	13
Shallow Inlet (Corner Inlet)	39,060	23	40,076		34,167	20
Werribee	17,590	25	13,697		15,073	23
Westernport Bay	10,817	17	15,706		13,563	17
Western Australia						
80 Mile Beach	38,508	23	43,260		141,340	23
Albany	6,563	19	9,383		7,013	20
Broome	22,609	22	23,235		32,446	22
Swan River	2,412	13	1,153		37	4
Total	200,501		251,482		311,747	

APPENDIX VIII

Species Totals of Shorebirds Counted in Australia 1994-96

Common Name	Latin Name	1994	1995	1996
Pied Oystercatcher	<i>Haematopus longirostris</i>	2,780	3,203	3,203
Sooty Oystercatcher	<i>Haematopus fuliginosus</i>	256	453	425
Black-winged Stilt	<i>Himantopus himantopus</i>	1,995	3,590	3,486
Banded Stilt	<i>Cladorhynchus leucocephalus</i>	2,166	11,854	8,301
Red-necked Avocet	<i>Recurvirostra novaehollandiae</i>	3,753	3,341	1,103
Beach Thick-knee	<i>Esacus magnirostris</i>	5	5	11
Oriental Pratincole	<i>Glareola maldivarum</i>			462
Banded Lapwing	<i>Vanellus tricolor</i>	31		34
Masked Lapwing	<i>Vanellus miles</i>	1,760	2,661	2,445
Pacific Golden Plover	<i>Pluvialis fulva</i>	453	774	429
Grey Plover	<i>Pluvialis squatarola</i>	1,275	2,888	1,099
Red-capped Plover	<i>Charadrius ruficapillus</i>	1,384	2,578	2,720
Double-banded Plover	<i>Charadrius bicinctus</i>	100	114	352
Lesser Sand Plover	<i>Charadrius mongolus</i>	2,095	2,769	1,711
Greater Sand Plover	<i>Charadrius leschenaultii</i>	2,707	5,677	7,902
Oriental Plover	<i>Charadrius veredus</i>	10	11	2,622
Black-fronted Plover	<i>Charadrius melanops</i>	85	64	96
Red-kneed Dotterel	<i>Charadrius cinctus</i>	69		6
Hooded Plover	<i>Charadrius rubricollis</i>	44		44
Black-tailed Godwit	<i>Limosa limosa</i>	1,195	2,275	473
Bar-tailed Godwit	<i>Limosa lapponica</i>	36,145	49,195	74,473
Little Curlew	<i>Numenius minutus</i>	1		
Whimbrel	<i>Numenius phaeopus</i>	995	1,460	969
Far Eastern Curlew	<i>Numenius madagascariensis</i>	4,862	7,329	4,619
Spotted Redshank	<i>Tringa erythropus</i>		1	
Marsh Sandpiper	<i>Tringa stagnatilis</i>	266	1,375	810
Greenshank	<i>Tringa nebularia</i>	1,624	3,161	2,098
Wood Sandpiper	<i>Tringa glareola</i>	5	3	5
Terek Sandpiper	<i>Xenus cinereus</i>	674	2,191	3,464
Common Sandpiper	<i>Actitis hypoleucos</i>	87	29	19
Grey-tailed Tattler	<i>Heteroscelus brevipes</i>	1,694	2,195	4,309
Ruddy Turnstone	<i>Arenaria interpres</i>	1,985	3,882	2,837
Japanese Snipe	<i>Gallinago hardwickii</i>	169	72	156
Asian Dowitcher	<i>Limnodromus semipalmatus</i>			2
Red Knot	<i>Calidris canutus</i>	3,302	9,127	7,077
Great Knot	<i>Calidris tenuirostris</i>	41,180	26,439	83,671
Sanderling	<i>Calidris alba</i>	229	85	724
Red-necked Stint	<i>Calidris ruficollis</i>	48,502	56,626	52,268
Pectoral Sandpiper	<i>Calidris melanotos</i>	5	106	7
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	14,044	14,590	7,324
Curlew Sandpiper	<i>Calidris ferruginea</i>	22,004	29,727	29,734
Broad-billed Sandpiper	<i>Limicola falcinellus</i>	3	5	14
Ruff	<i>Philomachus pugnax</i>		2	
Unidentified Shorebirds	<i>Charadrii spp.</i>	562	1,625	243
Total Shorebirds		200,501	251,482	311,747

Note: Blanks indicate lack of counts

APPENDIX IX

THE RAMSAR CONVENTION: TOWARDS A WISE USE OF WETLANDS

OVERVIEW OF ASIA

Scott Frazier, Ramsar/Wetland Sites Officer
Wetlands International

Wetlands are known to be important for a host of reasons and are among the most productive and diverse ecosystems on earth. Waterbirds are perhaps the most visible manifestations of faunal diversity but many other groups are dependent on and populate these habitats. Wetlands provide both direct and indirect benefit to people, species and habitats through hydrological and buffering functions. They can even help purify water by removing some pollutants. They are an integral part of global cycles and exert influence on climate to varying degrees. Wetlands give us products as diverse as fish and building materials, and provide us with transport routes. Agricultural lands are often dependent on wetlands. Finally, wetlands provide us with abundant scientific, educational and recreational opportunities.

Wetland loss and degradation has already occurred on a massive scale. These losses continue and need to be stemmed because of the important values, benefits and functions that wetlands provide. Measures must be taken to conserve and make wise use of wetlands and the wealth they support. To achieve this at a global level requires cooperative, intergovernmental action. The Ramsar Convention on Wetlands provides the framework for such action¹

Thirteen of the countries represented within the primary area of this study are also Contracting Parties to the Convention on Wetlands, or Ramsar Convention. The Republic of Korea was the 101st Party; the others are Bangladesh, China, India, Indonesia, Japan, Malaysia, Nepal, Pakistan, Papua New Guinea, Philippines, Sri Lanka and Viet Nam. These states represent almost 13% of world membership of the Convention.

Some 41 Ramsar wetland sites have been designated in these states and territories, covering almost 2,500,000 hectares. These sites range in area from just 10 hectares to nearly 600,000 hectares. The Sundarbans in Bangladesh and Tonda Wildlife Management Area in Papua New Guinea approach this maximum range and therefore fall within the top 5% of (largest) Ramsar sites.

Most (75%) of 40 Ramsar wetland type categories from both 'natural' and 'man-made' divisions are represented within these particular Ramsar sites. The most commonly recorded are permanent rivers and freshwater lakes, but 33 of the sites record more than one wetland type.

Contracting Parties designate sites to the List of Wetlands of International Importance based on their international significance in terms of ecology, botany, zoology, limnology or hydrology. This importance is defined according to a set of criteria which have been developed over many years and which have been approved by the Convention. Commonly referred to as the "Ramsar Criteria", they are currently classified into four groups containing 13 criteria. These are: 1) criteria for representative or unique wetlands, 2) general criteria based on plants or animals, 3) specific criteria based on waterfowl, and 4) specific criteria based on fish.

The sites within the study area are extremely diverse, not only in terms of their wetland habitats but also in their international importance. This is evident from the multiple application of Ramsar criteria at most (35) of these sites. The most commonly applied criteria group within these sites is group 3, the 'waterfowl criteria'. Of the 41 sites considered, 34 (83%) are listed for this group.

While representation in Asia is widespread, significant potential and need remain for growth of the Convention, in terms both of Contracting Parties and the number and types of sites they designate.

¹ Text based on the *Ramsar Convention Manual* (ed. T.J. Davis, Ramsar, 1994).

Criteria for Identifying Wetlands of International Importance¹

as adopted by the 4th and 6th Meetings of the Conference of the Contracting Parties to the Convention on Wetlands (Ramsar, Iran, 1971) to guide implementation of Article 2.1 on designation of Ramsar sites

(Annexes to Recommendation 4.2, Montreux, Switzerland, 1990, and Resolution VI.2, Brisbane, Australia, 1996)

A wetland is identified as being of international importance if it meets at least one of the criteria set out below:

1. Criteria for representative or unique wetlands

A wetland should be considered internationally important if:

- (a) it is a particularly good representative example of a natural or near-natural wetland, characteristic of the appropriate biogeographical region; or
- (b) it is a particularly good representative example of a natural or near-natural wetland, common to more than one biogeographical region; or
- (c) it is a particularly good representative example of a wetland which plays a substantial hydrological, biological or ecological role in the natural functioning of an major river basin or coastal system, especially where it is located in a trans-border position; or
- (d) it is an example of a specific type of wetland, rare or unusual in the appropriate biogeographical region.

2. General criteria based on plants or animals

A wetland should be considered internationally important if:

- (a) it supports an appreciable assemblage of rare, vulnerable or endangered species or subspecies of plant or animal, or an appreciable number of individuals of any one or more of these species; or
- (b) it is of special value for maintaining the genetic and ecological diversity of a region because of the quality and peculiarities of its flora and fauna; or
- (c) it is of special value as the habitat of plants or animals at a critical stage of their biological cycle; or
- (d) it is of special value for one or more endemic plant or animal species or communities.

3. Specific criteria based on waterfowl

A wetland should be considered internationally important if:

- (a) it regularly supports 20,000 waterfowl; or
- (b) it regularly supports substantial numbers of individuals from particular groups of waterfowl, indicative of wetland values, productivity or diversity; or
- (c) where data on populations are available, it regularly supports 1% of the individuals in a population of one species or subspecies of waterfowl.

¹ Text based on the *Ramsar Convention Manual*, 2nd edition (Ramsar Convention Bureau 1997)

4. Specific criteria based on fish

A wetland should be considered internationally important if:

- (a) it supports a significant proportion of indigenous fish subspecies, species or families, life-history stages, species interactions and/or populations that are representative of wetland benefits and/or values and thereby contributes to global biological diversity; or
- (b) it is an important source of food for fishes, spawning ground, nursery and/or migration path on which fish stocks, either within the wetland or elsewhere, depend.

Guidelines for Application of the Criteria

To assist Contracting Parties in assessing the suitability of wetlands for inclusion on the List of Wetlands of International Importance, the Conference of the Contracting Parties has formulated the following guidelines for application of the Criteria:

- (a) A wetland could be considered of international importance under Criterion 1 if, because of its outstanding role in natural, biological, ecological or hydrological systems, it is of substantial value in supporting human communities dependent on the wetland. In this context, such support would include:
 - provision of food, fibre or fuel; or
 - maintenance of cultural values; or
 - support of food chains, water quality, flood control or climatic stability.

The support, in all its aspects, should remain within the framework of sustainable use and habitat conservation, and should not change the ecological character of the wetland.
- or (b) A wetland could be considered of international importance under Criterion 1, 2 or 3 if it conforms to additional guidelines developed at regional (e.g. Scandinavian or West African) or national level. Elaboration of such regional or national guidelines may be especially appropriate:
 - where particular groups of animals (other than waterfowl) or plants are considered more suitable as a basis for evaluation; or
 - where waterfowl and other animals do not occur in large concentrations (particularly in northern latitudes); or
 - where collection of data is difficult (particularly in very large countries).
- or (c) The "particular groups of waterfowl, indicative of wetland values, productivity or diversity" in Criterion 3(b) include any of the following:
 - loons or divers: Gaviidae;
 - grebes: Podicipedidae;
 - cormorants: Phalacrocoracidae;
 - pelicans: Pelecanidae;
 - herons, bitterns, storks, ibises and spoonbills: Ciconiiformes;
 - swans, geese and ducks (wildfowl): Anatidae;
 - wetland related raptors: Accipitriformes and Falconiformes;
 - cranes: Gruidae;
 - shorebirds or waders: Charadriidae; and
 - terns: Sternidae.
- or (d) The specific criteria based on waterfowl numbers will apply to wetlands of varying size in different Contracting Parties. While it is impossible to give precise guidance on the size of an area in which these numbers may occur, wetlands identified as being of international importance under Criterion 3 should form an ecological unit, and may thus be made up of one big area or a group of smaller wetlands. Consideration may also be given to turnover of waterfowl at migration periods, so that a cumulative total is reached, if such data are available.

More information about the Ramsar Convention can be obtained from the Ramsar Convention Bureau, Rue Mauverney 28, CH-1196 Gland, Switzerland

APPENDIX X

AN UPDATE OF CMS ACTIVITIES IN ASIA

CMS is a global convention within the United Nations system responsible for overseeing the conservation and sustainable use of all species of migratory animals which regularly cross international borders. This summary provides an overview of the main activities that CMS has recently undertaken in Asia.

Mammals

CMS has been particularly active in the conservation of small cetaceans in Europe, and it aims to extend this useful contribution to the Asian region. Two Agreements have been concluded to date: the Agreement on the Conservation of Small Cetaceans of the Baltic and North Seas (ASCOBANS) and the Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area (ACCOBAMS).

There is a clear need for more activities to be undertaken with respect to dolphins in Asia. For this reason, CMS co-financed the joint *Philippines-Malaysia Marine Mammal Training Workshop and Survey of Abundance and Fisheries Interactions in the Southern Sulu Sea and Northeastern Malaysian Coastal Waters*. The work was conducted with the participation of governmental and non-governmental organizations and local universities. During the workshop, training was provided to Malaysian and Philippine participants, some of whom went on to attend an intensive follow-up session at the Southwest Fisheries Science Center in La Jolla, United States. This was the first survey of its kind done in Malaysian waters and also the first Asian marine mammal survey conducted jointly by two neighbouring countries with shared waters.

Birds

Birds are the main group of migratory animals and CMS is active in many parts of the world. The very important African-Eurasian Waterbird Agreement (AEWA) was concluded in 1995 and can serve as a model for similar agreements in other parts of the world. In Asia, CMS is involved in two main initiatives.

A Memorandum of Understanding for the conservation of the highly endangered western and central populations of the Siberian Crane was concluded in 1993 and at present has eight participating countries. A successful meeting of Siberian Crane Range States was held in India in November 1996. This led to the production of a comprehensive Conservation Plan, which was recently circulated by the CMS Secretariat. The Plan aims to reduce mortality in the remaining populations, increase numbers and genetic diversity, and enhance cooperation among the Range States and other concerned agencies.

CMS is actively participating in the *Asia-Pacific Migratory Waterbird Conservation Strategy: 1996 - 2000* which is an important step towards the conservation and sustainable use of waterbird populations in the region. Participants at a workshop held in Beidaihe, China, in March 1997 called for the development of a regional agreement on the conservation of migratory waterbirds and promoted increased membership of CMS.

THE CONVENTION ON THE CONSERVATION OF MIGRATORY SPECIES OF WILD ANIMALS

The Convention on the Conservation of Migratory Species of Wild Animals (also known as CMS or the Bonn Convention) aims to conserve terrestrial, marine and avian migratory species throughout their range. It is one of a small number of intergovernmental treaties concerned with the conservation of wildlife and wildlife habitats on a global scale. Since the Convention's entry into force on 1 November 1983, its membership has grown steadily to include 51 Parties from Africa, Central and South America, Asia, Europe and Oceania.

Parties to CMS work together to conserve migratory species and their habitats by providing strict protection for the endangered migratory species listed in Appendix I of the Convention; by concluding multilateral Agreements for the conservation and management of migratory species listed in Appendix II; and by undertaking co-operative research activities.

CMS has a unique role to play in focusing attention on and addressing the conservation needs of the 76 endangered species presently listed in Appendix I - including, among others, the Siberian crane, White-tailed eagle, Hawksbill turtle, Mediterranean monk seal and Dama gazelle.

Appendix II lists migratory species that require or would benefit significantly from international co-operative Agreements under CMS. These may range from legally-binding treaties to less formal memoranda of understanding. The more formal Agreements should provide for co-ordinated species conservation and management plans; conservation and restoration of habitat; control of factors impeding migration; co-operative research and monitoring; and public education and exchange of information among Parties.

Seven Agreements have been concluded to date under the auspices of CMS. They aim to conserve: bats in Europe, cetaceans of the Mediterranean and Black Seas, small cetaceans of the Baltic and North Seas; seals in the Wadden Sea, African-Eurasian migratory waterbirds, western and central Asian populations of the Siberian crane, and the Slender-billed curlew.

Draft Agreements are currently being developed and further initiatives are envisaged for a wide range of migratory species, including Sahelo-Saharan ungulates, albatrosses of the southern hemisphere, bustards and marine turtles.

A secretariat under the auspices of the United Nations Environment Programme (UNEP) provides administrative support to the Convention. The decision-making organ of the Convention is the Conference of the Parties (COP) which held its Fifth meeting in Geneva in April 1997. A Standing Committee provides policy and administrative guidance between the regular meetings of the COP. A Scientific Council, consisting of experts appointed by individual member States and by the COP, gives advice on technical and scientific matters.

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To
All participants of the Asian Waterfowl Census 1994-96
National co-ordinators of the Asian Waterfowl Census

Dear participant,

Re: Complimentary Copy Of The Asian Waterfowl Census Report 1994-96

As you are aware, the Asian Waterfowl Census is a very valuable internationally co-ordinated programme to gather information on waterbirds and wetlands and raise the awareness for their conservation in the region. The strength of the census is that it depends on dedicated volunteers, like yourself to collect and report this information.

As a participant of the census during 1994 - 1996, Wetlands International is pleased to send you a complimentary copy of a new publication "Lopez, A. and Mundkur, T. 1997. *The Asian Waterfowl Census 1994-1996. Results of the Co-ordinated Waterbird census and an overview of the status of wetland in Asia*. Wetlands International, Kuala Lumpur." We are grateful to the Ramsar Bureau and Bonn Convention Secretariat for having provided funds to publish and distribute this report. Wetlands International is very pleased for having received this financial support, as it represents an acknowledgement of the importance of all your hard work and efforts for promoting wetland and waterbird conservation.

In reading this report, you will note that it is different from previous reports on the census. It aims to collate information in a form that is useful to the participants, government conservation agencies, wetland/waterbird conservation conventions, NGOs and other interested persons.

Valuable information can only be gained through long term monitoring of waterbirds at a site. As the report presents counts received during 1994 to 1996, it is possible to identify sites that were covered regularly and to gauge their relative importance. In future years, it would be useful for participants to concentrate their efforts by covering all important sites regularly, and if possible, to cover other sites of lesser importance.

In the last few years, wetland conservation awareness and preventive action has been successively stimulated and achieved on the basis of information on the uses and threats recorded at the site during the census. Information on the status of the site is also presented, where it was available. We would encourage participants to collect and record this information in future years.

As this report has a limited print run, kindly return this acknowledgement form to your national co-ordinator at the earliest. This will also assist in maintaining an up-to-date participant mailing list. If there is no national co-ordinator, kindly return it to Wetlands International - Asia Pacific, Malaysia.

You are probably aware of the fact that I have taken over for an interim period the position of the Executive Director of Wetlands International - Asia Pacific. During this period, I have to concentrate on matters related to the internal organisation and administrative matters.

But, I would also like to take this opportunity to work with Dr. Taej Mundkur to get the Asian Waterfowl Census back in full swing with your help. The counts were successful during the last 10 years, but one should realise that useful information from the counts will start after another 10 years of data-gathering.

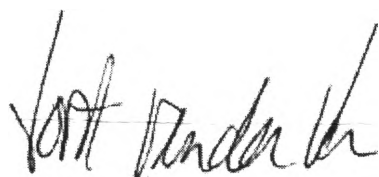
Kindly send all census materials you have for 1997 and 1998 to your co-ordinator or directly to Kuala Lumpur (if there is no co-ordinator). We will try to make a short overview of the counts of these years to keep you up-dated and send them to you and the co-ordinators by December 1998 together with count forms etc. for 1999.

Please assist us and let us have all previous enthusiasm back. Feel free to report back to us if you think we can help in anything. Your comments are always welcome.

We look forward to working with you to promote waterbird and wetland conservation in your country through the Asian Waterfowl Census and related programmes.

With best wishes,

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Joost van der Ven', written in a cursive style.

Joost van der Ven
Executive Director, Wetlands International - Asia Pacific

Encl.: Acknowledgement form

Cc. Taej Mundkur, Co-ordinator, Waterbird Conservation Programme
Asian Waterfowl Census National Co-ordinator